











CHARTER,  
SUPPLEMENTAL CHARTERS,  
BY-LAWS,  
AND  
LIST OF MEMBERS  
OF

The Institution of Civil Engineers.

ESTABLISHED 2 JANUARY, 1818.—INCORPORATED BY ROYAL CHARTER 3 JUNE, 1828.

“FOR THE GENERAL ADVANCEMENT OF MECHANICAL SCIENCE.”

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## CHARTER.





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## CHARTER

OF

## The Institution of Civil Engineers.

INCORPORATED 3 JUNE, 1828.

GEORGE THE FOURTH, by the Grace of God, of the United Kingdom of Great Britain and Ireland King, Defender of the Faith: To all to whom these Presents shall come, Greeting:

WHEREAS THOMAS TELFORD, of Abingdon Street, in our city of Westminster, Esquire, a Fellow of the Royal Societies of London and Edinburgh, and others of our loving subjects, have formed themselves into a Society for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer, being the art of directing the Great Sources of Power in Nature for the use and convenience of man, as the means of production and of traffic in states both for external and internal trade, as applied in the construction of roads, bridges, aqueducts, canals, river navigation and docks, for internal intercourse and exchange, and in the construction of ports, harbours, moles, breakwaters and lighthouses, and in the art of navigation by artificial power for the purposes of commerce, and in the construction and adaptation of machinery, and in the drainage of cities and towns: And have subscribed and collected considerable sums of money for those purposes: And We have been besought to grant to them, and to those who shall hereafter become members of the same Society, our Royal Charter of Incorporation, for the purposes aforesaid: Now KNOW YE, that We, being desirous of encouraging a design so laudable

The nature and object of the Society.

and salutary, of our especial grace, certain knowledge, and mere motion, have willed, granted, and declared: And do by these presents, for us, our heirs and successors, will, grant, and declare, that the said THOMAS TELFORD, and such others of our loving subjects as have formed themselves into, and are now members of the said Society, or who shall at any time hereafter become members thereof, according to such regulations or by-laws as shall be hereafter framed or enacted, shall, by virtue of these presents, be the members of, and form one Body Politic and Corporate, for the purposes aforesaid, by the name of "THE INSTITUTION OF CIVIL ENGINEERS;" by which name they shall have perpetual succession, and a common seal, with full power and authority to alter, vary, break, and renew the same, at their discretion: and by the same name to sue, and be sued, implead, and be impleaded, answer, and be answered unto, in every court of us, our heirs and successors; and be for ever able and capable in the law, to purchase, receive, possess, and enjoy to them and their successors, any goods and chattels whatsoever, and also be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, lands, tenements, or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof; and to act in all the concerns of the said body politic and corporate for the purposes aforesaid, as fully and effectually to all intents, effects, constructions, and purposes whatsoever, as any other of our liege subjects, or any other body politic or corporate in our United Kingdom of Great Britain and Ireland, not being under any disability, might do in their respective concerns. And We do hereby grant our especial licence and authority unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements, or hereditaments, not exceeding such annual value as aforesaid

Name of the  
Society.

And our will and pleasure is, and We further grant and declare, that there shall be a General Meeting of the members of the said body politic and corporate, to be held from time to time, as hereinafter mentioned, and that there shall always be a Council, to direct and manage the concerns of the said body politic and corporate; and that the General Meetings and the Council shall have the entire direction and management of the same, in the manner, and subject to the regulations, hereinafter mentioned. But our will and pleasure is, that at all General Meetings, and Meetings of the Council, the majority of the members present, and having a right to vote thereat respectively, shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And We do hereby also will, grant, and declare, that the Council shall consist of a President, four Vice-Presidents, and not more than fifteen, nor less than seven other Members, to be elected out of the Members of the said body politic and corporate; and that the first Members of the Council, exclusive of the President, shall be elected within six calendar months after the date of this our Charter; and that the said THOMAS TELFORD shall be the first President of the said body politic and corporate. And We do hereby further will, grant, and declare, that it shall be lawful for the Members of the said body politic and corporate, hereby established, to hold General Meetings once in the year, or oftener, for the purposes hereinafter mentioned (viz.); That the General Meeting shall choose the President, Vice-Presidents, and other Members of the Council; that the General Meetings shall make and establish such by-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate, for the admission of Members, for the management of the estates, goods and business of the said body politic and corporate, and for fixing and determining the manner of electing the President, Vice-Presidents, and other Members of the Council, and the period of their continuance in office; as also of electing and appointing a Treasurer, two Auditors, and two Secretaries, and such other officers, attendants, and servants, as shall be deemed necessary or useful for the said body politic and corporate; and such by-laws

A General Meeting and Council.

The Member presiding at any Meeting shall have a second or casting vote. Constitution of the Council.

General Meetings.

General Meetings to make by-laws and regulations.

Mode of electing Officers to be defined by by-laws.



By-laws may  
be altered.

No by-law to  
be repugnant to  
this Charter.

Council to have  
sole manage-  
ment of the  
funds.

Property  
vested in the  
Members.

No by-laws to  
be made con-  
trary to the  
laws of this  
Realm.

from time to time shall or may alter, vary, or revoke, and shall or may make such new and other by-laws as they shall think most useful and expedient, so that the same be not repugnant to these presents, or to the laws and statutes of this our Realm; and shall and may also enter into any resolution, and make any regulation, respecting any of the affairs and concerns of the said body politic and corporate, that shall be thought necessary and proper. And We further will, grant, and declare, that the Council shall have the sole management of the income and funds of the said body politic and corporate, and also the entire management and superintendence of all the other affairs and concerns thereof; and shall or may, but not inconsistently with, or contrary to the provisions of this our Charter, or any existing by-law, or the laws and statutes of this our Realm, do all such acts and deeds as shall appear to them necessary or essential to be done, for the purpose of carrying into effect the objects and views of the said body politic and corporate. And We further will, grant, and declare, that the whole property of the said body politic and corporate shall be vested, and We do hereby vest the same solely and absolutely in the Members thereof, and that they shall have full power and authority to sell, alienate, charge or otherwise dispose of the same, as they shall think proper; but that no sale, mortgage, incumbrance, or other disposition of any messuages, lands, tenements, or hereditaments, belonging to the said body politic and corporate, shall be made, except with the approbation and concurrence of a General Meeting. And We lastly declare it to be our Royal will and pleasure, that no resolution, or by-law, shall on any account or pretence whatsoever be made by the said body politic and corporate in opposition to the general scope, true intent, and meaning of this our Charter, or the laws or statutes of our Realm; and that if any such rule or by-law shall be made, the same shall be absolutely null and void, to all intents, effects, constructions, and purposes whatsoever. In witness whereof We have caused these our Letters to be made Patent. Witness Ourself at our Palace of Westminster, this third day of June, in the ninth year of our reign.

By Writ of Privy Seal.

SCOTT.



SUPPLEMENTAL CHARTER, 1887.



## SUPPLEMENTAL CHARTER.

3 August, 1887.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith :  
To all to whom these presents shall come, Greeting :

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June in the ninth year of the Reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and also by or according to certain by-laws and regulations made by the said Institution : AND WHEREAS by the said Charter or Letters Patent the said Institution has full power and authority *inter alia* to be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors a Hall, and any messuages, lands, tenements or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof : AND WHEREAS the said Institution presented their humble petition to us, alleging, *inter alia*, as follows :

“ At the time the said Charter was granted the number of members of all classes was 156, and the income for that year was £446 16s. ; the number of members of all classes on the 3rd of June, 1886, was 5,174, and the total annual receipts of the said Institution for the past year were £19,945. The premises now

occupied by the Institution are situate at No. 25 Great George Street, Westminster, and the Institution entered into possession of them at Christmas 1839. The said premises have become and are totally inadequate for the accommodation now required: It is therefore in contemplation to acquire additional property adjoining the said premises for the extension thereof. The powers of the Charter as to holding land have become exhausted, and the Institution are therefore desirous that the yearly value of the property to be held by them should be extended to the sum of £10,000 at the time of purchase."

Therefore the petitioners most humbly supplicated Us to grant Our Royal Charter, enlarging the Charter of Incorporation for the purpose of empowering the Institution to purchase and hold messuages, lands, tenements and hereditaments of a yearly value not exceeding at the time of purchase the sum of £10,000.

Now KNOW YE, that We, taking the premises into Our Royal consideration of Our especial grace, certain knowledge and mere motion, have granted, constituted and appointed, and by these presents for Us, Our heirs and successors, do grant, constitute and appoint as follows, that is to say:—

1. That the powers of The Institution of Civil Engineers notwithstanding the Statutes of Mortmain, to take purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, tenements or hereditaments whatsoever, the yearly value whereof was not to exceed the yearly value in the said Charter mentioned, and the powers unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements or hereditaments, not exceeding the yearly value therein mentioned, shall be and are hereby extended, so that the yearly value of the Hall, messuages, lands, tenements and hereditaments, acquired or to be acquired

under the said Charter and this Charter, shall not exceed £8,000, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof: PROVIDED, that such messuages, tenements or hereditaments shall be aliened, taken and held by the said Institution to be used and enjoyed solely for the purposes thereof and not otherwise.

2. And We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness ourself at Westminster the 3rd day of August, in the fifty-first year of Our Reign.

By Warrant under the Queen's Sign Manual,

MUIR MACKENZIE.







SUPPLEMENTAL CHARTER, 1896.



## SUPPLEMENTAL CHARTER.

20 *March*, 1896.

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VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith: To all to whom these presents shall come, Greeting:

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June, in the ninth year of the reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and a certain Supplemental Charter or Letters Patent, dated the 3rd day of August, in the fifty-first year of Our reign, and by or according to certain By-laws and regulations made by the said Institution. AND WHEREAS by the said Charter or Letters Patent of the ninth year of the reign of King George the Fourth it is provided (*inter alia*) that there shall be a General Meeting of the Members of the said body politic and corporate to be held from time to time as therein mentioned, and that there shall always be a Council to direct and manage the concerns of the said body politic and corporate, and that the General Meetings and the Council shall have the entire direction and management of the same in the manner and subject to the regulations therein mentioned, and that at all General Meetings and Meetings of the Council the majority of the members present and having the right to vote thereat respectively shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And that the Council shall consist of a President, four Vice Presidents, and not more than fifteen

nor less than seven other Members, to be elected out of the said body politic and corporate, and that it shall be lawful for the said body politic and corporate to hold General Meetings once in the year or oftener, for the purposes therein mentioned, including (inter alia) that the General Meeting shall choose the President, Vice Presidents, and other Members of the Council, and that the General Meetings shall make and establish such By-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate and (inter alia) for fixing and determining the manner of electing the President, Vice Presidents, and other Members of the Council. AND WHEREAS the said recited portions of the Charter of the ninth year of the reign of King George the Fourth were unaffected by the said Supplemental Charter of the fifty-first year of Our reign, and still remain in force. AND WHEREAS the said Institution presented their humble Petition to Us alleging (inter alia) as follows:—

At the time the said Charter of the ninth year of the reign of King George the Fourth was granted, the number of Members of all classes was one hundred and fifty-six; the prescribed number of the Council was sufficient to enable the Institution to place upon the Council an adequate number of representative men having regard to the total number of Members, and the scope of all branches of Engineering science, as then taught and practised throughout the Realm; and the number of Members residing in or near to the Metropolis formed a large proportion of the whole number, and could reasonably be expected personally to attend General Meetings for the purpose of electing a President, Vice Presidents, and other Members of the Council.

On the 2nd day of January, One thousand eight hundred and ninety-six, the number of Members of all classes was Five thousand nine hundred and sixty-nine; the prescribed number of Members of the Council is no longer sufficient to enable the Institution to place on the Council an adequate number of representative



men having regard to the total number of Members, and the scope of all branches of Engineering science, as now taught and practised throughout the Realm; and the number of Members residing in or near the Metropolis now forms a comparatively small portion of the whole number, and a large proportion cannot now be reasonably expected, personally, to attend General Meetings for the purpose of electing a President, Vice Presidents, and other Members of Council. It is desired by the Members of the Institution, and is expedient, that the maximum number of Members of the Council (exclusive of the President and Vice Presidents) should no longer be limited to fifteen, but should be such number as may be from time to time fixed by the By-laws, having regard to the growth and requirements of the Institution, and that in the maximum number there may be included such number (not being more than four), of Past Presidents of the Institution, to be appointed by the Council from time to time in accordance with By-laws to be made in that behalf, to act as Members of the Council together with the President, Vice Presidents, and elected Members of the Council; and that the minimum number of Members of the Council (exclusive of the President and Vice Presidents, but inclusive of any Past Presidents appointed as aforesaid) should be raised from seven to twenty-two; and that the power of taking part in the election of a President, Vice Presidents, and elected Members of Council should not be confined to Members actually present at a General Meeting; and that the Institution should have power to conduct such election by means of ballot or voting papers in such manner as may be from time to time prescribed by By-laws made in accordance with the said Charters.

Therefore the Petitioners most humbly supplicated Us to grant Our Royal Charter for the purpose of enabling the number of Members of the Council of the Institution to be enlarged in manner aforesaid, and for the purpose of enabling

the votes of Members not actually present at a Meeting to be taken into account in the election of the President, Vice Presidents, and other Members of the Council of the Institution.

Now KNOW YE that We, taking the premises into Our Royal consideration, of Our especial grace, certain knowledge and mere motion, Have granted, constituted, and appointed, and by these presents, for Us, Our heirs and successors, Do grant, constitute and appoint in manner following, that is to say:—

THAT, notwithstanding anything in the Charter of the ninth year of the reign of King George the Fourth, incorporating THE INSTITUTION OF CIVIL ENGINEERS, the By-laws of the Institution may from time to time prescribe a maximum number of Members of the Council (other than and exclusive of the President and Vice Presidents) and that from and after the enactment of any such By-law the number of Members of the Council (other than and exclusive of the President and Vice Presidents) shall not be more than the maximum so prescribed, nor less than twenty-two.

THAT, notwithstanding anything in the said Charter, the By-laws of the Institution may from time to time prescribe that a certain number (not being more than four) of the Members of the Council shall be former Presidents of the Institution, to be appointed by the Council from time to time, in accordance with such By-laws, to act as Members of Council together with the President, Vice Presidents, and elected Members of the Council, and so that the Past Presidents so appointed shall, while they hold office under such appointment, be deemed to be members of the Council for the purpose of computing the maximum and minimum number of Members, and for all other purposes.

THAT, notwithstanding anything in the said Charter, the votes of Members not actually present at Meetings at which the election of the President, Vice Presidents, and other Members of the Council (other than Past Presidents appointed under this Our Charter) is propounded, or at which the President, Vice Presidents, and Members (other than as last aforesaid) are chosen, may be taken into account by means of ballot or voting papers or instruments of proxy

as may be prescribed by by-laws from time to time framed for that purpose by the Institution.

THAT the Council, consisting of a President, four Vice Presidents, and not more than the maximum number for the time being prescribed by the By-laws, nor less than twenty-two other Members constituted in accordance with this Our Charter, shall have the direction and management of the concerns of the said body politic and corporate, and the rights and duties conferred on the Council elected out of the said body politic and corporate in accordance with the said Charter of the ninth year of the reign of King George the Fourth.

AND We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty, or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness Ourselves at Westminster, the twentieth day of March, in the Fifty-ninth year of our reign.

BY WARRANT UNDER THE QUEEN'S SIGN  
MANUAL.

MUIR MACKENZIE.





BY-LAWS AND REGULATIONS.





BY-LAWS AND REGULATIONS  
OF  
The Institution of Civil Engineers.

AS AMENDED 20 DECEMBER, 1898.

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SECTION I.

OBJECTS.

THE INSTITUTION OF CIVIL ENGINEERS was first established, and has since been incorporated by Royal Charter, for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer.

SECTION II.

CONSTITUTION.

1. THE INSTITUTION OF CIVIL ENGINEERS shall consist of Members, of Associate Members, of Associates entitled to the privileges of Corporate Membership, and of Honorary Members. All such Members, Associate Members, Associates, and Honorary Members may hereafter be referred to as Corporate Members. The Institution may also have attached to it Associates who are not entitled to the privileges of Corporate Membership, and Students.

2. MEMBERS shall comprise every person who, on the 2nd of December, 1878, was on the Register as a Member; and every person thereafter elected or transferred into the class of Members. Every Candidate for election or transfer into the



class of Members shall be more than thirty years of age, and shall come within one of the following conditions:—

He shall have been regularly educated as a Civil Engineer, shall have had subsequent employment for at least five years and shall be actually engaged at the time of his application for election, in responsible situations as Resident Engineer, or otherwise, in some of the branches defined by the Charter as constituting the profession of a Civil Engineer; or,

He shall have practised on his own account in the profession of a Civil Engineer for at least five years, and shall have acquired a considerable degree of eminence in the same.

3. ASSOCIATE MEMBERS shall comprise every person who, being a Civil Engineer by profession, was on the register as an Associate on the 2nd of December, 1878, and every person thereafter elected into the class of Associate Members.

Every candidate for election into the class of Associate Members shall be more than twenty-five years of age,  
(a) He shall have been regularly educated as a Civil Engineer, shall have passed such examination or examinations as are appointed or are recognized by the Council, and shall be actually engaged at the time of his application for election, in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter; or,

(b), He shall satisfy the Council that he has had a sufficient training, that he has been engaged for at least five years and that he is actually engaged at the time of his application for election, in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter, and shall furnish a satisfactory Thesis or Paper on a professional subject; or,

(c), He shall, whilst complying with either of the foregoing conditions as to training and occupation as set forth in the paragraphs (a) and (b), afford satisfactory proof to the Council of his fitness for election without either examination or the submission of a Thesis or Paper.

4. ASSOCIATES ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall comprise every person who, not being a Civil Engineer by profession, was on the Register as an Associate on the 2nd of December, 1878.

5. ASSOCIATES NOT ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall be persons who are not Civil Engineers by profession, but whose pursuits constitute branches of Engineering, or who by their connection with Science or the Arts, or otherwise, are qualified to concur with Civil Engineers in the advancement of professional knowledge.

6. HONORARY MEMBERS shall be either distinguished individuals, who from their position are enabled to render assistance in the prosecution of public works, or persons eminent for science and experience in pursuits connected with the profession of a Civil Engineer, but who are not engaged in the practice of that profession in the United Kingdom or its dependencies.

7. STUDENTS shall be persons not under eighteen years of age, who are, or have been, pupils of Corporate Members of the Institution, who have complied with the regulations of Section IV. of these By-Laws, and who have the object or intention of becoming engaged in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter; and such persons may continue Students until they attain the age of twenty-six years, but not longer.

8. The Officers of the Institution shall be a President, four Vice-Presidents, and other Members of Council to be elected or nominated under the By-Laws, who shall constitute the Council to direct and manage the concerns of the Institution; also two Auditors of Accounts, a Treasurer, and two Secretaries. Such Officers shall be elected or appointed annually in manner hereinafter directed.

9. Any Member, Associate Member, Associate, Honorary Member, or Student, having occasion to designate himself as belonging to the Institution, shall state the class to which he belongs, according to the following abbreviated forms, *viz.* M. Inst. C.E., Assoc. M. Inst. C.E., Assoc. Inst. C.E., Hon. M. Inst. C.E., Stud. Inst. C.E.

## SECTION III.

ELECTION, TRANSFER AND EXPULSION OF MEMBERS,  
ASSOCIATE MEMBERS, ASSOCIATES AND HONORARY  
MEMBERS.

1. Any person desirous of being elected a Member, Associate Member, Associate, or Honorary Member, must be proposed and recommended according to the Form A in the Appendix, in which the name, usual residence, and qualifications of the candidate shall be distinctly specified. The proposal must be signed by at least six Corporate Members certifying a personal knowledge of the candidate, and a full conviction of his qualifications, and the candidate must sign the undertaking appended to the Form.

2. The proposal so made, being delivered to the Secretary, shall be submitted to the Council, who shall consider the qualifications specified, and shall in the case of persons required by these By-laws to have passed Examinations appointed or recognised by the Council, or to have furnished Theses or Papers, satisfy themselves that the candidate has passed the necessary examination or examinations, or has furnished the necessary Thesis or Paper. The Council shall determine the class for which the candidate is to be presented for Ballot, and shall specify the same on the proposal. The Chairman of the Meeting of Council which approves, or (after being satisfied as aforesaid) finally approves, the eligibility of a candidate, shall sign the proposal, which shall then be read at the next Ordinary Meeting of the Institution, and be placed in some conspicuous situation until the candidate is balloted for, and six clear days shall elapse between the reading of the proposal and the Ballot.

The Council shall cause to be held examinations for persons desirous of being elected Associate Members, and shall frame regulations for such examinations, defining the times at which they shall be held, the subjects which they shall comprise, and the fees to be paid or deposited by candidates in respect of such examinations; and they may from time to time add to or vary or rescind any of the aforesaid regulations as it may appear to them to be necessary.



The examinations shall be directed by the Council, who shall obtain such assistance as may be necessary from qualified persons to be appointed by them examiners in such subjects as the Council may from time to time determine. The remuneration of such examiners shall be fixed by the Council. The Council may in their discretion permit persons<sup>1</sup> who are not at the time candidates for election to present themselves for examination, and if they pass such examination the Council may exempt them (wholly or partially) from further examination if they subsequently apply for election. After each examination held under the direction of the Council a report of the names of those who have passed shall be presented by the examiners to the Council. The Council shall have power to recognize such University degrees and Collegiate or other certificates as after scrutiny they may deem to prove a sufficient standard of attainment in the subjects referred to; and may exempt such graduates or holders of such certificates from passing the aforesaid examinations appointed and directed by the Council.

3. Any person whose proposal has been passed by the Council shall be duly informed of it by a letter from the Secretary.

4. Ballots shall take place at the first Ordinary Meeting of the Institution in the month of December in each year, and at the first Meeting in each ensuing month during the Session, and at the last Meeting but one in the Session. Only Corporate Members have the right of voting.

5. Every candidate shall be declared to be elected unless there be at least one negative vote for every four affirmative votes.

6. In any election a second ballot shall be granted, at the same Meeting, if it be demanded immediately by any three persons present having a right to vote.

7. In case of the non-election of any person balloted for no notice shall be taken thereof on the minutes.

8. The proposal for transferring any person from the class of Associate Members to the class of Members shall be according to Form C in the Appendix. This form being subscribed by at least ten Corporate Members, and delivered to the Secretary, shall be submitted to the Council, who, subject to the conditions

<sup>1</sup> At present such permission is granted only to Students of the Institution.

hereinbefore set forth, may, if they think fit, make the proposed transfer.

9. Any person duly elected a Member, Associate Member, Associate, or Honorary Member, or transferred from one class to another, shall be informed thereof without delay, by a letter, according to the Form D, enclosing a promise (Form E), which promise the person elected or transferred must sign and return to the Secretary, and he must pay the admission fee and annual subscription for the current year (or the increase thereof in case of transfer) within two months after the date of his election or transfer which otherwise shall become void; but the Council may in particular cases extend the time.

10. Every individual elected, and having signed the Form E in the Appendix, and the Register of the Institution, and having likewise made the proper payments, shall receive the diploma of his election. At the first Ordinary Meeting at which he is present, he shall, after having fulfilled the foregoing requirements, be introduced according to the ensuing form: *viz.* the President or Chairman of the Meeting, addressing him by name, shall say, "As President (or as Chairman of this Meeting) " of THE INSTITUTION OF CIVIL ENGINEERS, I introduce Mr. " A. B. as a Member, Associate Member, Associate, or Honorary Member (as the case may be)."

11. The Council shall have the right, by a majority of two-thirds of those present at a meeting of the Council, to expel from the Institution any Member, Associate Member or Associate who may be convicted, by a competent tribunal, of felony, embezzlement, larceny, or misdemeanour, or other offence which, in the opinion of the Council, renders him unfit to be a member; and in case the Council shall be of opinion that the conduct of any Member, Associate Member or Associate should become the subject of enquiry with a view of ascertaining whether there are grounds for his expulsion, or in case twenty or more Corporate Members shall think fit to draw up and sign a proposal for the expulsion of a Member, Associate Member or Associate on any ground whatever, and shall deliver the same to the Secretary to be laid before the Council for consideration, the Council shall make such enquiry as they deem adequate; and if they do not find sufficient reason for

expulsion no entry of the enquiry shall be made in the Minutes; but if the Council by a majority of at least eleven-twelfths of those present at a Meeting of the Council specially summoned for the purpose and at which at least twelve Members of Council are present, do find good reason for expulsion of the Member, Associate Member or Associate on the ground that he has been guilty of disgraceful conduct in any professional respect they shall cause such person's name to be erased from the Register and thus expel him from the Institution. The Secretary shall give him notice according to Form G in the Appendix, and the Council shall report such erasure at the next Annual General Meeting.

#### SECTION IV.

##### ADMISSION AND PRIVILEGES OF STUDENTS.

1. Upon producing evidence of having passed such examination or examinations in the subjects of general education as may be appointed or recognized by the Council, persons, between the ages of 18 and 25 years, may be admitted as Students by the Council on the recommendation (according to Form B in the Appendix) of the Corporate Members under whom they are, or have been, pupils; and they may remain Students of the Institution, at and during the pleasure of the Council, until they attain the age of twenty-six years, when they shall cease to be Students.

The Council may cause to be held examinations for persons desirous of being admitted Students, and may frame regulations for such examinations, defining the times at which they shall be held, the subjects which they shall comprise, and the fees to be paid or deposited by candidates in respect of such examinations; and the Council may from time to time add to or vary or rescind such of the aforesaid regulations as may appear to them to be necessary, and shall have power to recognize in their discretion University degrees and Collegiate and other certificates in lieu of examinations appointed under the provisions of this Section.

2. Any person admitted as a Student shall be informed thereof by letter (according to the Form F in the Appendix)



stating that the first year's subscription must be paid within two months, otherwise the admission will be void. When the first subscription shall have been paid he shall be entitled to attend the Ordinary Meetings, but not to vote at such Meetings, and to have the use of the Library (subject to such regulations as the Council may from time to time prescribe), as well as to receive a copy of the Minutes of Proceedings relating to each session during which he shall continue to be a Student.

3. Students of the Institution are eligible to compete for the premiums or prizes arising out of the "Miller Fund," and any other funds devoted by the Institution, or by any person or persons, for premiums or prizes for Students.

4. The Council may accord to Students other privileges, but subject to such terms, regulations, and restrictions, as they shall from time to time prescribe.

5. No Student will be allowed to introduce a stranger into the rooms of the Institution.

## SECTION V.

### CONTRIBUTIONS TO THE FUNDS.

1. Those Members, Associate Members, Associates, and Students, whose place of business or whose residence is within ten miles of the General Post Office, shall be considered Residents, and those beyond such limits Non-Residents.

2. On change of place of business or of residence, so as to go beyond or come within those limits before each annual contribution becomes due, the amount thereof shall vary accordingly.

3. Each resident Member shall pay four guineas, and each non-resident Member three guineas, per annum.

4. Each resident Associate Member and Associate shall pay three guineas, and each non-resident Associate Member and Associate two guineas and a half, per annum. The subscription for the current year paid by an Associate Member shall, on his transfer to Membership, be taken as in part payment of his subscription as a Member for that year.

5. Each resident Student shall pay two guineas, and each non-resident Student one guinea and a half, per annum. The



subscription for the current year paid by a Student shall on his election to Associate Membership, be taken as in part payment of his subscription as an Associate Member for that year.

6. Every new Member, Associate Member and Associate shall on admission to the Institution pay a fee of ten guineas; but no payment, other than the increased annual subscription, shall be due from an Associate Member on his transfer to Membership.

7. Any Member, Associate Member or Associate, whose subscription is not in arrear, may compound for future annual subscriptions by the payment of sixty guineas. All such compositions shall be invested, and the interest alone shall be appropriated to the current expenditure of the Institution, except by special direction of the Council on the report and recommendation of the Finance Committee.

8. All annual subscriptions are due on the first of January in each year for the year then commencing, and must be paid before the first of April of that year; any Member, Associate Member, Associate, or Student, whose subscription is in arrear shall not be entitled to attend any Meeting or to receive the publications. The subscription of any Member, Associate Member, or Associate, elected at the Ballot in December, shall become due on the first of January next ensuing: and the subscription of any Student admitted in the month of November or December shall become due on the first of January next ensuing.

9. Every individual elected a Member, Associate Member or Associate, and every Student, shall be liable for the payment of his annual subscription, until he has signified to the Secretary, in writing, his desire to resign, having previously paid all arrears, or until he has forfeited his right to remain in, or to be attached to, the Institution.

10. Any person whose subscription is two years in arrear, that is to say, whose arrears and current subscription shall not have been paid on or before the first of April, shall be reported to the Council, who shall direct application to be made to him according to Form H; and in the event of its continuing one month in arrear, after such application, the Council shall have the power, after suitable remonstrance, by letter, in the

form so provided (Form I), of erasing the name of the defaulter from the Register or lists of the Institution.

11. In the case of any Corporate Member who has been long distinguished in his professional career, but who, from ill health, advanced age, or other sufficient cause, does not continue to carry on a lucrative practice, the Council, if they find good reason for the remission of the annual subscription, may so remit it. Also they may remit any arrears which are due from such an individual; or may accept a collection of books, or drawings, or models, or such other contribution as, in their opinion, under the circumstances of the case, may entitle the person to be enrolled as a Life Subscriber, or to enable him to resume his former rank in the Institution which may have been in abeyance from any particular cause. The Council may, if they find good reason to do so, re-instate, under such conditions as they may see fit, any Member, Associate Member or Associate, whose name has been removed from the Register under the provisions of this Section.

These cases must be considered and reported upon to the Council by a Committee appointed by the Council for the purpose.

## SECTION VI.

### CONSTITUTION OF THE COUNCIL.

1. The number of the Council shall be such as the Council in any year may fix for the ensuing year provided that such number shall not be less than twenty-three nor more than thirty-one inclusive in both cases of the President and Vice-Presidents, but exclusive of such of the Past Presidents, if any, as may be appointed by the Council.

The President, the four Vice-Presidents, and other members of the Council (exclusive of Past Presidents, to be appointed by the Council) shall be elected annually, and the Council, when elected for the year, may appoint any number of Past Presidents, not exceeding four, to be members of the Council for the same year.

The year of office for the President, Vice-Presidents and other Members of the Council, shall commence at the com-

mencement of each Session, and the election of the Council at the Annual General Meeting for the ensuing year, and the appointment of other members of the Council for the same year, shall have reference to the next ensuing year of office as hereby defined.

The existing Council shall in all cases continue in office till the commencement of the next Session, notwithstanding that more than a year may have elapsed since the commencement of their year of office.

2. At an Ordinary Meeting at least four weeks before the Annual General Meeting, the Council shall present a list of persons whom they nominate as suitable for the offices of President, Vice-Presidents, and other members of the Council for the ensuing year, exclusive of Past Presidents to be appointed by the Council when elected. The list shall include the names of not less than seven corporate members who have not served on the Council during the current or the preceding year, and the number of names in all shall be at least two in excess of the number of the Council to be elected. The list so presented shall be the balloting list for the annual election on the last Tuesday of the Session.

No person shall be nominated for the office of President more than two years consecutively, and at the expiration of such two years he shall not for a period of three years be eligible to be nominated for that office.

The senior Vice-President in duration of office shall be nominated for President, except he give notice to the Council, at least one month previously, of his intention to decline accepting office.

In case of the decease or resignation of the President, the Council shall be empowered to summon a Special General Meeting of Corporate Members who shall proceed to the nomination and election of a President, the senior Vice-President being nominated as above provided.

3. At the Annual election, each Corporate Member may erase any name or names from the balloting list, and may substitute the name or names of any other person or persons eligible for each respective office; but the number of names on the list, after such erasure or substitution, must be, without the repetition of any of them, the number to be elected to the



respective offices as above enumerated. Those lists which do not accord with these directions shall be rejected by the Scrutineers.

4. At the Ordinary Meeting next before the Annual General Meeting the members shall choose two or more persons as Scrutineers for the purposes of the Ballot. The Balloting List shall immediately after the Ordinary Meeting at which it has been presented by the Council be issued to all members in the United Kingdom, and to any other member residing elsewhere, who may, in writing, request to have the list forwarded to him, and shall be returned to the Secretary, at least three days before the Annual General Meeting, in a closed envelope. The Scrutineers shall open the envelopes and count the votes and report the result at the Annual General Meeting. Any Balloting List on which a member has voted for a number either more or less than one person as President, four persons as Vice-Presidents, and the prescribed number of persons as other elected Members of the Council, shall be rejected by the Scrutineers.

5. The two Auditors shall be elected or appointed by the Annual General Meeting.

6. The Treasurer and Secretaries shall be appointed annually by the Council.

## SECTION VII.

### THE PRESIDENT.

The President shall take the chair at all Meetings of the Institution, the Council, and the Committees, at which he is present, and shall regulate and keep order in the proceedings.

## SECTION VIII.

### THE VICE-PRESIDENTS.

In the absence of the President, it shall be the duty of the Vice-Presidents to preside in rotation at the Meetings of the Institution, and to regulate and keep order in the proceedings. But in case of the absence of the President and of all the Vice-

Presidents, the Meeting may elect any member of Council, or, in case of their absence, any Corporate Member present, to take the chair at the Meeting.

## SECTION IX.

### PROCEEDINGS OF THE COUNCIL.

1. The direction and management of the concerns of the Institution are vested in the Council, under the control of the Charter, By-Laws and Regulations, and of all Resolutions of Special General Meetings of Corporate Members, which have been duly summoned and held in accordance with the Charter and By-Laws, when such Resolutions have been duly entered on the Minutes, and signed by the Chairmen of the Meetings.

2. The Council shall meet as often as the business of the Institution may require; and at every Meeting three shall constitute a quorum. The Council may appoint Committees, for special purposes, to report to the Council.

3. All questions shall be decided in the Council by vote; but at the desire, expressed in writing, of any two members present, the determination of any subject shall be postponed to the succeeding Meeting.

4. A statement of the funds of the Institution, and of the receipts and payments during the past year, terminating on the 31st of March, shall be made, under the direction of the Council, and, after having been verified and signed by the Auditors, shall be laid before the Annual General Meeting.

5. The Council shall draw up a yearly Report on the state of the Institution, which shall be read at the Annual General Meeting.

6. It shall be the duty of the Council to adopt every possible means for the advancement of the Institution; to provide for properly conducting the business of the Institution in all cases of emergency, as the death or resignation of officers; and to arrange for the publication of the Papers read at the Meetings, and of such documents as may be calculated to advance professional knowledge.

## SECTION X.

## THE TREASURER AND THE TWO AUDITORS.

1. The Treasurer shall be a Banker in the Metropolis, with whom all uninvested money belonging to the Institution shall be deposited by the Council on account and for the use of the Institution.

2. No sum of money payable on account of the Institution, amounting to five pounds and upwards, shall be paid except by order of the Council, signed by the Chairman of the Meeting at which the cheque was ordered, and by two other members of Council, and countersigned by the Secretary.

3. The Auditors shall have access at all reasonable times to the Accounts of the pecuniary transactions of the Institution; and they shall verify and sign the annual statement of the Accounts before it is submitted by the Council to the Annual General Meeting.

## SECTION XI.

## THE SECRETARIES.

1. The Secretaries of whom one shall be Honorary, and the other or acting Secretary shall be designated as the Secretary, shall be appointed every year by the Council, at the first Meeting of the Council after the Annual General Meeting.

2. It shall be the duty of the Secretary, under the direction of the Council, to conduct the correspondence of the Institution; to attend all Meetings of the Institution, and of the Council, and of Committees; to take Minutes of the proceedings of such Meetings; to read the Minutes of the preceding Meeting and all communications that may be ordered to be read; to superintend the publication of such Papers as the Council may direct; to have charge of the Library; to direct the collection of the



subscriptions and the preparation of the account of the expenditure of the funds, and to present all accounts to the Council for inspection and approval. He shall also engage and be responsible for all persons employed under him, and shall generally conduct the ordinary business of the Institution.

## SECTION XII.

### THE SESSIONS AND MEETINGS.

1. The Session of the Institution shall commence annually on the first Tuesday in November, and shall continue till the end of April, and it shall be in the power of the Council to protract the Session, if it appear advisable.

2. The Meetings of the Institution shall be as follows:—  
1st, the Annual General Meeting of Corporate Members only.  
2nd, Ordinary Meetings. 3rd, Special General Meetings of Corporate Members only, for the purpose of making, altering, and establishing By-laws and Regulations, or for any other special business for which such Meetings may be convened.

3. The Annual General Meeting of the Institution shall be held on the last Tuesday of the Session, at eight o'clock in the evening, to receive and deliberate upon the Report of the Council on the state of the Institution, with the annual statement of the Accounts, and to elect the Council and Officers for the ensuing year.

4. The Ordinary Meetings shall be held on every Tuesday, during the Session, at eight o'clock in the evening, with the exception of the Tuesdays between the Tuesday previous to Christmas Eve and the second Tuesday in January, and also with the exception of Easter Tuesday; but it shall be in the power of any Ordinary Meeting, on the recommendation of the Council, to make such other exceptions as may appear advisable. No new question shall be introduced, or motion be made, after ten o'clock.

5. The business of the Ordinary Meetings of the Institution

shall be conducted as nearly as possible in the following order:—

1. The Minutes of the preceding meeting to be read, and after having been confirmed, to be signed by the Chairman.
2. Business arising out of the Minutes to be entered on.
3. Communications from the Council to be brought forward.
4. Candidates for election to be announced.
5. Any individual present for the first time since his election, having paid the usual contributions, and signed the Forms and the Register, to be introduced by the Chairman to the Meeting.
6. Original Communications to be read and discussed.
7. Candidates for election to be balloted for.

6. Every Corporate Member shall have the privilege of introducing one stranger, to be present at the Ordinary Meetings of the Institution, on writing his name in a book provided for that purpose, or sending with him a card signed with his name, according to a Form provided.

7. No question shall be discussed, or motion be made, at the Ordinary Meetings, relative to the direction and management of the concerns of the Institution; such direction and management being vested in the Council, under the control of the Charter and By-Laws, and of the Resolutions of Special General Meetings.

8. The Council may at any time call a Special General Meeting of Corporate Members for a specific purpose relative to the direction and management of the concerns of the Institution; and the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the nature of the business to be transacted.

9. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting; and the notice shall specify the nature of the business to be transacted, and no other than that business shall be transacted at that Meeting. All Corporate Members shall have a right, subject to the provision of Section V., Article 8, to attend and vote, and fifty shall constitute a quorum.

## SECTION XIII.

## OTHER SOCIETIES AND LECTURES.

1. The Council shall have power to grant, from time to time, as they may think fit, the use of the rooms of the Institution to any Society for purposes analogous to those of the Institution, and to any persons who may be desirous of having Lectures delivered on subjects connected with the objects of the Institution.

## SECTION XIV.

## ENACTMENT OF BY-LAWS AND REGULATIONS.

1. The Council, when they may consider it expedient to propose the enactment of any new By-Law or Regulation, or the alteration or repeal of any existing one, shall summon a Special General Meeting of Corporate Members to decide on the same. And the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the particular new By-Law or Regulation, or the alteration or repeal of any existing one, which they recommend.

2. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting. The notice shall state the general tenour and objects of any new By-Law or Regulation or the alteration or repeal of any existing one, which is to be proposed and discussed; and the business of the Meeting shall be limited thereto. All the Corporate Members of the Institution (but none other than Corporate Members) shall have a right, subject to the provision of Section V., Article 8, to attend and vote, and fifty shall constitute a quorum.

3. No new By-Law or Regulation, or alteration or repeal of any existing By-Law or Regulation, shall be proposed at any Meeting of the Institution, except in the manner above prescribed.

4. It shall be sufficient in all cases if the Forms in the Appendix are substantially followed, and no act or proceeding shall be invalid by reason of any formal defect.

## SECTION XV.

## THE PROPERTY OF THE INSTITUTION.

1. The property and effects of the Institution, of what kind soever, are vested in the Corporate Members for the time being, for the use of the body politic and corporate solely, in furtherance of the public and scientific objects contemplated in the Charter.

2. Under no pretence whatever shall such property and effects, or the income or revenue of the Institution, derived from voluntary contributions or otherwise howsoever, be applied in making any dividend, gift, division, or bonus, unto or between any of the Corporate Members, and the same is hereby expressly prohibited, in conformity with the fundamental law and invariable practice of the Institution, as acted upon from its first establishment; and therefore no proposition in contravention thereof shall be entertained by the Council, or by any Meeting, whether General or Special, of the Corporate Members of the Institution.

3. Every Paper, Map, Plan, Drawing, or Model, presented to the Institution, shall be considered the property thereof, unless there shall have been some previous arrangement to the contrary, and the Council may publish the same in any way and at any time they may think proper. But should the Council refuse or delay the publication of such Paper beyond a reasonable time, the Author thereof shall have a right to copy the same, and to publish it as he may think fit, having previously given notice, in writing, to the Secretary of his intention. Except as hereinbefore provided, no person shall publish, or give his consent for the publication of any communication presented and belonging to the Institution, without the previous consent of the Council.

4. The Library shall be open daily to all Members, Associate Members, Associates, Honorary Members, and Students, from 9.30 A.M. to 5.30 P.M., when they shall have the right to peruse and inspect all Books, Papers, Plans, Maps, &c., belonging to the Institution, and to make copies and extracts therefrom (doing no injury to the same), with the exception of such



documents as the Council shall order not to be inspected or copied; but none of the property of the Institution shall be taken away from the premises without the express permission of the Council.

## SECTION XVI.

### DONATIONS AND BEQUESTS.

1. The names of all persons who have presented any additions to the Library, or to the collections of Plans and Models, or who have made any voluntary contribution to the funds of the Institution, shall be recorded and published as benefactors to the Institution.

2. Every person desirous of bequeathing to the Institution any Manuscripts, Books, Maps, Plans, Drawings, Instruments, or other personal property, is requested to make use of the following form in his will :

“I give and bequeath to THE INSTITUTION OF CIVIL  
“ENGINEERS, incorporated by Royal Charter, dated June  
“the 3rd, 1828, [*here enumerate and particularize the*  
“*effects or property to be bequeathed:*] And I hereby  
“declare that the receipt of the Treasurer of the said  
“Institution for the time being shall be an effectual dis-  
“charge to my executors for the said legacy or bequest.”





APPENDIX TO THE BY-LAWS.



A P P E N D I X,  
CONTAINING FORMS REFERRED TO  
IN  
THE BY-LAWS.

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FORM A.

A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_  
\_\_\_\_\_ being upwards of twenty-five years of  
age, born on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, and being desirous  
of belonging to THE INSTITUTION OF CIVIL ENGINEERS, I recommend him,  
from PERSONAL KNOWLEDGE, as in every respect worthy of that distinction,  
because

*[Here specify distinctly the Qualifications of the Candidate according to  
the spirit of Articles 2, 3, 5 and 6, Sect. II., of the By-Laws.]*

On the above grounds, I beg leave to propose him to the Council as a  
proper person to belong to the Institution.

Signed, (A. B.) *Corporate Member.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_\_\_.

We, the undersigned, concur in the above recommendation from per-  
sonal knowledge, and being fully convinced that A. B. is in every respect a  
proper person to belong to the Institution.

Signed, (X. Y.) *Corporate Members.*

*[Undertaking to be signed by the Candidate.]*

I, the undersigned, do hereby promise, that, in the event of my election,  
I will be governed by the Royal Charters of the Institution, and by the  
By-Laws and Regulations as they are now formed, or as they may here-  
after be altered, amended, or enlarged, under the powers of the said  
Charters; and that I will promote the objects of the Institution as far as  
may be in my power, and will present to the Institution an Original

Communication, model, or scientific work for the library, within the space of twelve months from the date of my election.

Signed, \_\_\_\_\_

The Council, having considered the above recommendation, present A. B. to be balloted for as a \_\_\_\_\_ of THE INSTITUTION OF CIVIL ENGINEERS.

Signed, \_\_\_\_\_

*Chairman.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_.

## FORM B.

### (STUDENT.)

A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_  
 \_\_\_\_\_ born on the \_\_\_\_\_ day  
 of \_\_\_\_\_ 18 \_\_, being desirous of admission as a Student of  
 THE INSTITUTION OF CIVIL ENGINEERS, I recommend him, from PERSONAL  
 KNOWLEDGE, as worthy of that privilege, and as coming within the Rules  
 appertaining to that class, viz.: that he is upwards of eighteen years of  
 age, and is under twenty-five years of age, and is, or has been, *bonâ fide*,  
 in the course of preparation and training under me, with the object of  
 becoming engaged in the design or in the construction of such works as  
 are comprised within the profession of a Civil Engineer as defined by the  
 Charter.

\_\_\_\_\_  
 { Signature of the Proposer, who must be a  
 Corporate Member of the Institution.

\_\_\_\_\_  
 Signature of the Candidate.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_.

The Council, having considered the above recommendation, admit  
 \_\_\_\_\_ as a Student of  
 THE INSTITUTION OF CIVIL ENGINEERS.

Signed, \_\_\_\_\_

*Chairman.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_.

## FORM C.

WE, whose names are hereunto subscribed, submit to the Council of THE INSTITUTION OF CIVIL ENGINEERS the propriety of transferring A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_ born on the \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_, from the class of Associate Members, in which he was elected on the \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_, to the class of MEMBERS, because \_\_\_\_\_

[*Here specify distinctly the Qualifications of the Candidate according to the spirit of Article 2, Sect. II. of the By-Laws.*]

Witness our hands this \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_\_\_

Signed, \_\_\_\_\_

The Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on the \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_\_\_ transfer A. B. from the class of Associate Members to the class of Members.

Signed, \_\_\_\_\_  
Chairman.

## FORM D.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18 \_\_\_\_.

I have the honour to inform you that you were duly made a \_\_\_\_\_ of THE INSTITUTION OF CIVIL ENGINEERS, on the \_\_\_\_\_ day of \_\_\_\_\_.

According to the Regulations of the Institution, you are required as \_\_\_\_\_ to pay \_\_\_\_\_ being your admission fee, and subscription for the current year, and to return the accompanying obligation with your signature, within two months of the date of your election [*or transfer*]; otherwise your election [*or transfer*] will be void. These conditions being complied with, you will be considered as a \_\_\_\_\_ of the Institution, when the diploma of your election [*or transfer*], and any publications or notices to which you are entitled, will be forwarded according to your directions.

I beg to direct your attention to Section V. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, &c.



## FORM E.

I, the undersigned, having become \_\_\_\_\_ of THE INSTITUTION OF CIVIL ENGINEERS, do hereby promise that I will be governed by the Royal Charter of the Institution, and by the By-Laws and Regulations of the said Institution as they are now formed, or as they may hereafter be altered, amended, or enlarged, under the powers of the said Charter; and I promise to promote the objects of the said Institution as far as shall be in my power, and to attend the meetings thereof as often as I conveniently can. Provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing my name therefrom, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

I also engage to present to the Institution an Original Communication, drawing, plan, or model of engineering interest, or some scientific work or the library, within the space of twelve months from the date of my election [*or transfer*].

Witness my hand, this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_

## FORM F.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_\_\_.

I have the honour to inform you, that the Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, admitted you as a Student of the Institution.

According to the Regulations of the Institution, you are required to pay the sum of \_\_\_\_\_, being the amount of your first subscription, within two months from the date of your admission, otherwise the admission will be void. When such payment has been made, you will become entitled to the privileges of your class.

I beg to direct your attention to Section V. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, &c.

## FORM G.

The Institution of Civil Engineers.

\_\_\_\_\_, 18\_\_.

Sir,

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you that by a Resolution passed at a Special Meeting of the Council on the \_\_\_\_\_ of \_\_\_\_\_ they have, acting under the powers conferred upon them by Article 11, Section III. of the By-laws and Regulations of the Institution, ordered your name to be erased from the Register, and have declared you to be no longer a \_\_\_\_\_ of the Institution.

I am, Sir, etc.

## FORM H.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_.

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to draw your attention to Articles 8 and 10, Section V. of the By-Laws, and to remind you, that the sum of £ \_\_\_\_\_ of your annual subscriptions to the funds of the Institution remains unpaid, and that you are in consequence in arrear of subscription. I am also directed to request that you will cause the same to be paid without further delay, otherwise the Council will be under the necessity of exercising their discretion, as to using the power vested in them by Article 10, Section V., of the By-Laws and Regulations.

I am, Sir, &amp;c.

## FORM I.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_.

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you, that in consequence of the non-payment of your arrears of subscription, and in pursuance of Article 10, Section V., of

the By-Laws and Regulations, the Council have declared by special vote, on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, that you have forfeited your claim in future to belong to the Institution, and your name will be in consequence expunged from the Register or lists, unless payment is made previous to \_\_\_\_\_

~ But notwithstanding such forfeiture as regards the future, I am directed to call upon you for payment of your arrears amounting to £\_\_ :\_\_ :\_\_ .

I am, Sir, &c.

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1 JULY, 1904.

# The Institution of Civil Engineers.

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June 1896. *Sir JOHN WOLFE BARRY*, K.C.B., LL.D., F.R.S.  
April 1898. *Sir WILLIAM HENRY PREECE*, K.C.B., F.R.S.  
Nov. 1899. *Sir DOUGLAS FOX*.  
Nov. 1900. JAMES MANSERGH, F.R.S.  
Nov. 1901. CHARLES HAWKSLEY.  
Nov. 1902. JOHN CLARKE HAWKSHAW, M.A.

(The names of those deceased are printed in italics.)



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\* \* \* *This Council will continue until November. 1904.*

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## ENGINEERING CONFERENCE, 1903.

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\* \* The Members of Council and Honorary Secretaries are Students of the  
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## ENUMERATION.

	1 July, 1903.	1 July, 1904.
HONORARY MEMBERS . . . . .	19	19
MEMBERS . . . . .	2,122	2,177
ASSOCIATE MEMBERS . . . . .	4,059	4,113
ASSOCIATES . . . . .	280	275
STUDENTS . . . . .	979	1,075
TOTAL. . . . .	7,459	7,659

## NOTICE.

It is particularly requested that every change of residence, as well as of Telegraphic Address and Telephone Number, or any inaccuracy or omission in prefixes and dates, may be communicated without delay to

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*Great George Street, Westminster, S.W.*

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The prefix (✱) indicates the contributor of a Paper published in the Minutes of Proceedings, or of an Engineering Conference Note.

„	(T)	indicates the recipient of a Telford Medal.
„	(t)	„ Telford Premium.
„	(W)	„ Watt Medal.
„	(S)	„ George Stephenson Medal or Prize.
„	(M)	„ Miller Scholarship.
„	(m)	„ Miller Prize.
„	(m)	„ Manby Premium.
„	(H)	„ Howard Quinquennial Prize.
„	(C)	„ Crampton Prize.
„	(t)	„ Trevithick Premium.
„	(f)	„ James Forrest Medal.
„	(J)	„ Joule Medal.
„	(B)	„ Bayliss Prize.
„	(L)	„ deliverer of one of the Special Series of Lectures.
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Date of Election.	HONORARY MEMBERS.
1895 Nov. 12.	{ HIS IMPERIAL MAJESTY WILHELM II., GERMAN EMPEROR AND KING OF PRUSSIA.
1877 Mar. 13.	HIS MAJESTY LEOPOLD II., KING OF THE BELGIANS.
1893 May 30.	H.R.H. GEORGE, PRINCE OF WALES, K.G., P.C.
1872 May 7.	H.R.H. ARTHUR, DUKE OF CONNAUGHT, K.G., P.C.
1903 Apr. 7.	{ H.H. PRINCE AUGUSTE D'ARENBERG .. .. . } { Compagnie Universelle du Canal Maritime de Suez, Rue Charras 9, Paris.
1883 Dec. 4.	{ Lord ALVERSTONE, G.C.M.G., } Hornton Lodge, Pitt Street,
1901 Mar. 5.	{ P.C., LL.D. ( <i>Cantab.</i> ) .. .. } Kensington, W.
1903 Apr. 7.	{ <i>The Right Hon.</i> JOSEPH CHAMBERLAIN, P.C., F.R.S., } 40 Prince's Gardens, S.W.
	{ M.P. .. .. . }
1895 May 21.	OCTAVE CHANUTE .. .. . { 413 East Huron Street, Chicago, U.S.
1903 Mar. 3.	{ <i>The Earl of CROMER</i> , G.C.B., } British Agency, Cairo.
	{ G.C.M.G., K.C.S.I., C.I.E., } P.C. .. .. . }
1894 Jan. 9.	{ <i>The Duke of DEVONSHIRE</i> , K.G., } Devonshire House, Piccadilly, W.
	{ P.C., LL.D. ( <i>Cantab.</i> ) .. .. }
1901 Apr. 23.	{ <i>Sir JAMES DEWAR</i> , M.A. ( <i>Edin.</i> ), } Royal Institution, Albemarle
	{ LL.D. ( <i>Edin., Glas. and St.</i> } Street, W.
	{ <i>Andrew's</i> ) .. .. . }
1903 Apr. 7.	<i>Sir</i> ARCHIBALD GEIKIE, F.R.S. { 10 Chester Terrace, Regent's Park, N.W.
1904 Jan. 12.	{ <i>Viscount GOSCHEN</i> , P.C., D.C.L. } Seacox Heath, Hawkhurst,
	{ ( <i>Oxon.</i> ), LL.D. ( <i>Cantab.</i> ) .. } Sussex.
L + { 1874 May 12.	{ <i>Lord KELVIN</i> , G.C.V.O., O.M., }
{ 1889 May 21.	{ P.C., D.C.L. ( <i>Oxon.</i> ), LL.D. } Netherhall, Largs, Ayrshire.
	{ ( <i>Cantab.</i> ), F.R.S. .. .. }
1904 Feb. 2.	{ <i>Viscount KITCHENER OF KHAR-</i> <i>TOUM, General</i> R.E., G.C.B., } Commander-in-Chief of H.M.
	{ G.C.M.G., O.M., D.C.L., } Forces in India.
	{ ( <i>Oxon.</i> ), LL.D. ( <i>Cantab.</i> ) .. }
1898 Apr. 5.	<i>Lord</i> LISTER, O.M., D.C.L. ( <i>Oxon.</i> ) 12 Park Crescent, Portland Place,
1899 Feb. 7.	ALFRED PICARD .. .. . 97 Quai d'Orsay, Paris. [W.]
1891 Jan. 13.	{ <i>Lord RAYLEIGH</i> , O.M., M.A., } Terling Place, Witham, Essex.
	{ D.C.L. ( <i>Oxon.</i> ), D.Sc. ( <i>Cantab.</i> } <i>and Dubl.</i> ), F.R.S. .. .. }
1901 Mar. 5.	{ <i>Sir</i> FREDERICK WILLIAM RICHARDS, G.C.B., <i>Admiral</i> } 34 Hurlingham Court, S.W.
	{ <i>of the Fleet</i> .. .. . }

## M E M B E R S.

[M. Inst. C.E.]

	Date of Election and of Transfer.	MEMBERS.	
	1889 Jan. 8.	ABBATT, RICHARD HENRY ..	33 Mattock Lane, Ealing, W.
	1885 Dec. 1.	*ABBOTT, WILLIAM SUTHER-	Sutton, Surrey Road, Bournemouth.
	1898 Nov. 29.	LAND .. .. .	
†	{ 1894 Jan. 9.	ABELL, WILLIAM PRICE ..	Castle Hill, Duffield, Derby.
	1899 Nov. 28.		
	1881 Jan. 11.	*ABERNETHY, GEORGE NEILL ..	4 Delahay Street, Westminster, S.W.
	1885 May 19.		
	1883 May 29.	ABURROW, CHARLES ..	Box 534, Johannesburg, Transvaal.
	1898 Mar. 1.		
	1897 Apr. 6.	{ ACLAND, FRANCIS EDWARD DYKE, } Captain R.A. ret.	76 Cheapside, E.C. (Bank 5252.)
	1892 Mar. 1.	*ADAMS, FREDERICK ..	
	1903 Dec. 22.		{ c.o. S. Pearson & Son, 10 Victoria Street, S.W.
	1871 Dec. 5.	*ADAMS, HENRY ..	
	1883 May 1.		{ 60 Queen Victoria Street, E.C. (Vibur- num, London. Bank 6006.) [S.W.
S t †	1869 Apr. 6.	ADAMS, WILLIAM ..	
	1896 Dec. 1.	ADIE, ALFRED EDMOND ..	Glencoe, Portland Road, Edgbaston.
	1902 Dec. 2.		
	1889 Dec. 3.	AGNEW, SAMUEL HEWETT ..	{ c.o. Chas. Tighe & Sons, 42 Lombard Street, E.C.
	1898 Apr. 26.		
	1904 Jan. 12.	AIRD, CONRAD KEITH ..	
t m †	{ 1867 May 21.	AIRY, WILFRID, B.A. (Cantab.)	{ 6 Queen Anne's Gate, Westminster, S.W.
	1874 Apr. 21.		
	1893 Dec. 5.	AITKEN, THOMAS ..	County Buildings, Cupar, Fife, N.B.
†	1904 Jan. 19.		
	1887 May 24.	*AKBAR, ALI ..	P.W.D., Ahmedabad, India.
	1903 Dec. 22.		
†	{ 1875 Mar. 2.	ALBRECHT, CHARLES JOHN ..	
	1879 Dec. 16.		
	1901 Apr. 23.	ALBY, AMÉDÉE MARIE JOSEPH ..	22 Rue de Tocqueville, Paris.
	1890 Mar. 4.	ALEXANDER, ANDREW MILLER	Thames Ironworks, Canning Town, E.
	1888 May 15.	ALEXANDER, ARTHUR LYON ..	Light Ry. Co., Barsi, Bombay.
	1889 Apr. 2.		
	1880 Dec. 7.	{ ALEXANDER, STANLEY DE VERE } HASTINGS .. .. .	Railway Dept., Sydney, N.S.W.
†	{ 1879 Feb. 4.	ALFORD, ROBERT GERVAISE, }	
	1884 May 27.	F.R.S.E. .. .. .	Prison Commission, Home Office Whitehall, S.W.
	1901 Dec. 3.	ALLAN, CHARLES EDWARD ..	
	1870 Feb. 1.	ALLAN, GEORGE ..	{ 13 Austin Friars, E.C. (Clematis, London. Avenue 5773.)
†	{ 1890 May 20.	ALLAN, PERCY ..	
	1900 Dec. 19.		{ Roads & Bridges Dept., Sydney, N.S.W.
	1893 Feb. 7.	*ALLEN, HERBERT EDWARD ..	
	1900 Jan. 30.		{ Lindenthorpe, Roath Lake (East), Cardiff.
†	{ 1889 Dec. 3.	ALLEN, PARKER ROSCOE ..	
	1901 Dec. 11.		Arbuthnot & Co., Madras.
†	{ 1883 Mar. 6.	ALLEN, WILLIAM HENRY ..	
	1891 Apr. 7.	{ ALLEYNE, Sir JOHN GAY }	{ Queen's Engineering Works, Bed- ford.
†	1872 Apr. 9.	NEWTON, Bart. ..	
	1890 May 20.	ALLIOTT, JAMES BINGHAM ..	{ Blooms Grove Works, Nottingham. (Manloves, Nottingham.)

Date of Election and of Transfer.		MEMBERS.	
1894 Dec. 4.	ALLMAN, EDWARD MCCARTHY	Goulburn, New South Wales.	
1876 Apr. 4.	ALLOTT, CHARLES SNEATH	{ 46 Brown Street, Manchester. (Al- lotted, Manchester. 1952.)	
1880 Dec. 21.			
1872 Feb. 6.	ALLPORT, HOWARD ASTON ..	Dodworth Grove, Barnsley.	
1903 Mar. 3.	ALLPRESS, VINCENT SYDNEY ..	25 Queen Anne's Gate, S.W.	
1902 Jan. 14.	ALSTON, WILLIAM MURRAY ..	16 Robertson Street, Glasgow.	
† { 1892 May 24.	ANDERSON, FRANCIS PHILIP ..	King, Hamilton & Co., Calcutta.	
† { 1899 Jan. 10.			
1880 Feb. 3.	ANDERSON, GEORGE .. ..	75 Victoria Street, S.W.	
1888 May 1.	*ANDERSON, JAMES HENRY ..	{ Caledonian Ry., 3 Germiston Street, Glasgow.	
1896 Mar. 24.			
1885 Mar. 3.	ANDERSON, ROBERT, C.M.G. ...	Uganda Ry., Mombasa, E. Africa.	
1891 Nov. 3.			
1878 Feb. 5.	ANDERSON, WILLIAM .. ..	{ Teesdale Ironworks, Stockton-on- Tees.	
1904 Jan. 12.	ANDERSON, WILLIAM HENRY ..	Olive Bank, Portobello, N.B.	
1904 Jan. 12.	{ ANDERSON, WILLIAM PATRICK } Lieut.-Col. Canadian Militia	64 Cooper Street, Ottawa, Canada.	
1858 Jan. 12.	ANDREWS, ARTHUR THOMAS ..	26 Fairlawn Park, Chiswick, W.	
1875 May 11.	ANDREWS, EDMUND .. ..	Warren Lodge, Hampton Wick.	
1881 May 31.			
T t † { 1881 Dec. 6.	ANDREWS, THOMAS, F.R.S. ..	Wortley Ironworks, near Sheffield.	
† { 1888 Jan. 17.			
1866 Dec. 4.	ANDREWS, THORNTON .. ..	Cefn Eithen, Swansea.	
1878 Apr. 9.			
1877 Mar. 6.	ANDREWS, WILLIAM .. ..	15 Ashburnham Road, Tonbridge.	
1859 Apr. 5.	ANGELL, LEWIS .. ..	Calside, Carlisle Road, Eastbourne.	
1866 May 15.			
1882 Dec. 5.	ANGUS, DAVID .. ..	Arauco Co., Coronel, Chile.	
1893 Dec. 19.			
1887 Feb. 1.	ANGUS, JONATHAN .. ..	{ 17 Victoria Street, S.W. (Fuimus, London. Westminster 344.)	
1894 Mar. 6.			
1892 Dec. 6.	ANSON, ERNEST, M.A. (Oxon.)	{ 119 Victoria Street, S.W. (Ban- dobast, London. Victoria 666.) }	
1901 Feb. 19.			
1891 Dec. 1.	*ANTHONY, CHARLES, JUN. ..	{ Municipality, East London, Cape Colony.	
1900 Jan. 30.			
t † { 1879 Apr. 1.	{ APJOHN, JAMES HENRY, M.A. (Dubl.) .. ..	{ 17 Victoria Street, S.W. (Upingo, London. Westminster 344.)	
1864 Feb. 2.			
1877 May 29.	APPLEBY, CHARLES JAMES ..	22 Walbrook, E.C.	
1863 May 5.	APPLETON, EDWARD .. ..		
1888 Oct. 30.			
1897 Dec. 7.	ARGOLLO, MIGUEL DE TEIVE E	{ São Francisco Ry., Alagoinhas, Bahia, Brazil.	
1885 May 5.	ARGYLE, JOHN .. ..	Midland Ry., Derby.	
1902 Mar. 4.	ARKWRIGHT, BERNARD GEORGE	Elswick Works, Newcastle-on-Tyne.	
m { 1877 May 29.	*ARMSTRONG, WALTER YOUNG ..	G. W. Ry., Paddington, W.	
† { 1890 Feb. 4.			
1900 Dec. 4.	ARMSTRONG, WILLIAM .. ..	Wingate, co. Durham.	
1891 Jan. 13.	ARNOT, WILLIAM .. ..	{ 163 Hope Street, Glasgow. (Induc- tion, Glasgow. Argyle 638.)	
1896 Dec. 22.			
1901 Feb. 5.	ARNOTT, MARMADUKE HENRY	King, Hamilton & Co., Calcutta.	
† { 1892 Dec. 6.	*ASHTON, HAROLD THOMAS,	Royal Arsenal, Woolwich.	
† { 1902 Feb. 18.			
1882 May 2.	ASKWITH, ROBERT .. ..	{ The Hall, Witton-le-Wear, co. Dur- ham.	
W t † { 1881 Feb. 1.	ASPINALL, JOHN AUDLEY	{ Gledhill, Mossley Hill Drive, Liver- pool.	
† { 1887 Nov. 22.			
1871 Feb. 7.	ATHERSTONE, GUYBON DAMANT	Box 92, Grahamstown, Cape Colony.	
1884 Oct. 14.			
1896 Apr. 14.	ATKINSON, HERBERT JEFCOATE,	Tyrmynydd, Rhayader, Rads.	
1902 Feb. 11.			



Date of Election and of Transfer.		MEMBERS.	
1859 Apr. 5.	ATKINSON, WILLIAM	.. ..	Erwood, Beckenham, S.E.
1865 Feb. 7.}	AYLMER, RICHARD	.. ..	{71 Primrose Mansions, Prince of
1879 Jan. 14.}			{Wales Road, Battersea Park, S.W.
✠1878 Feb. 5.	AYRES, ARTHUR	.. ..	Ashleigh, Truro Rd., Wood Green, N.
1874 Dec. 1.}	*BAGGALLAY, HENRY CHARLES		13 Stanhope Place, Hyde Park, W.
1889 Mar. 26.}			{c.o. E.I.U.S. Club, 16 St. James'
1890 Dec. 2.	BAGLEY, FREDERICK ROBERT	..	{Square, S.W.
1886 Jan. 12.}	BAGNALL, HARVEY,		
1888 Oct. 30.}	M.A., B.A.I. ( <i>Dubl.</i> )	.. ..	Gwelo, Rhodesia.
1889 Dec. 3.}	BAILEY, FRANK	.. ..	64 Bankside, S.E.
1899 Jan. 10.}			
1896 Feb. 4.	BAILEY, THOMAS HENRY	..	55 Temple Row, Birmingham.
1888 Feb. 7.	BAILLIE, JONATHAN ROBERT	..	{c.o. R. A. Baillie, 9 Lordship Park,
			{Stoke Newington, N.
1891 Mar. 8.	BAINBRIDGE, CHARLES EDWARD		{Shapwick Cottage, Bushey Heath,
			{Herts.
1876 May 30.	BAIRD, GEORGE	.. ..	{Royal Thames Yacht Club, 7 Albe-
			{marle Street, W.
T S t ✠	(1867 Dec. 3.}	{BAKER, Sir BENJAMIN,	
	(1877 May 29.}	{K.C.B., K.C.M.G., D.Sc. ( <i>Can-</i>	
		{tab.), LL.D. ( <i>Edin.</i> ), M.A.I.	2 Queen Square Place, S.W. (Oligist,
		{( <i>Dubl.</i> ), F.R.S. ( <i>Past-Presi-</i>	London. Westminster 33.)
		{dent. Member of Council.)	
1895 May 21.	BAKER, HARRY VICTOR SAMPSON		{P.W.D., Derajat Circle, Multan,
			{India.
1881 Dec. 6.}	BAKER, JOHN BECKETT	.. ..	{598 Calle Dean Funes, Cordoba,
1897 Mar. 29.}			{Argentina.
1888 May 15.	BAKEWELL, WILLIAM NEWTON		31 Herbert Road, Stockwell, S.W.
1877 Feb. 6.}	*BALDRY, HENRY OSBORNE	..	21 Queen Anne's Gate, S.W.
1886 Feb. 9.}			
1884 Jan. 8.}	BALE, MANFRED POWIS	..	7 Walpole Gardens, Chiswick, W.
1904 Feb. 23.}			
1875 May 4.}	BALFOUR, DAVID	.. ..	{3 St. Nicholas Buildings, Newcastle-
1889 Apr. 9.}			{on-Tyne. (Balfour, Myre Hall,
			{Houghton-le-Spring. Newcastle
			{2189. Houghton-le-Spring 6.)
1892 Mar. 1.}	*BALFOUR, DAVID, Jun.	.. ..	{3 St. Nicholas Buildings, Newcastle-
1901 Feb. 19.}			{on-Tyne. (2189.)
m ✠	{1892 May 24.}	*BALL, JAMES BENJAMIN	.. ..
	{1902 Feb. 11.}		L.D. & E.C. Ry., Chesterfield.
1874 Mar. 3.}	BALLARD, ROBERT	.. ..	35 Wood Lane, Shepherd's Bush, W.
1877 Nov. 27.}			
1898 Dec. 6.	BANISTER, GEORGE HENRY	..	{Vickers, Sons, and Maxim, Barrow-
1893 May 2.}			{in-Furness.
1894 Oct. 16.}	BARBER, JAMES PATTEN	..	Vestry Hall, Islington, N.
t ✠	1899 Jan. 10.	BARBER, THOMAS WALTER	.. 17 Tothill St., Westminster, S.W.
	1895 Dec. 3.	BARDSLEY, GEORGE ROBERT	.. 64 Bridge Street, Manchester.
	1885 Dec. 1.}	BARFIELD, SAMUEL GEORGE	
	1894 Nov. 6.}	HERBERT, D.Sc. ( <i>Lond.</i> )	.. } Aidin Railway, Smyrna.
	1873 Mar. 4.}		
	1877 Nov. 27.}	BARKER, JOHN	.. .. 20 Oppidans Rd., Primrose Hill, N.W.
	1881 Feb. 1.}		
	1889 Mar. 19.}	BARKER, JOHN	.. .. {Ellenbank, Leigham Court Road,
			{Streatham Hill, S.W.
m ✠	{1892 Dec. 6.}	*BARKER, JOHN HENRY	.. .. 22 Cardington Road, Bedford.
	{1902 Mar. 11.}		
	1891 Dec. 1.}	*BARKER, LÉON HARRY	.. .. {Bengal-Nagpur Ry., Seonee Chap-
	1903 Dec. 22.}		{para, India.
	1889 May 7.	BARKER, ROBERT	.. .. {S. E. & L. C. & D. Rys., London
			{Bridge Station, S.E.



Date of Election and of Transfer.		MEMBERS.	
✠	{1892 Dec. 6. 1901 Feb. 12.}	BARLING, IVAN COLLINGWOOD ..	North Pier Works, Tynemouth.
✠	{1872 Dec. 3. 1879 Dec. 23.}	*BARLOW, CRAWFORD, B.A. ( <i>Cantab.</i> ) .. .. .}	Fordwich House, Sturry, Kent.
	{1880 May 4. 1893 Dec. 12.}	BARLOW, EDWIN SYDNEY ..	{Grassfield Cottage, Pateley Bridge, Yorks.
	1903 Mar. 3.	BARLOW, HAROLD .. .. .	e/o H. S. King & Co., Pall Mall, S.W.
V S t ✠	{1881 May 3. 1888 Mar. 6.}	*BARNABY, SYDNEY WALKER ..	The Hollies, Chiswick Mall, W.
	{1886 Apr. 6. 1889 Nov. 5.}	BARNES, JOHN FREDERICK EVELYN, C.M.G. ... .. .}	Engineer, P.W.D., Natal.
	1897 Jan. 12.	BARNETT, MICHAEL RATCLIFFE	Laurel Bank, Lancaster.
	1879 Dec. 2.	BARNETT, PATRICK MOIR ..	{Ivy Lodge, Westfield Terrace, Aberdeen.
	1890 Apr. 1.	{BARR, Professor ARCHIBALD, D.Sc. ( <i>Glas.</i> ) .. .. .}	University, Glasgow.
t ✠	1882 Feb. 7.	BARR, GEORGE MORRISON ..	Dunedin, Otago, N.Z.
	{1874 Apr. 14. 1881 May 3.}	BARR, JAMES .. .. .	221 West George Street, Glasgow.
	1877 Apr. 10.	BARRASS, SAMUEL .. .. .	10 Bevington Road, Beckenham.
	1879 Dec. 2.	{BARRETO, ANTONIO PAULO DE MELLO .. .. .}	Donna Luiza 17, Rio de Janeiro.
	{1883 Jan. 9. 1891 Feb. 3.}	*BARRINGTON, WILLIAM .. ..	10 George Street, Limerick.
t ✠	{1868 Apr. 7. 1878 Feb. 19.}	BARRON, FREDERICK CADOGAN	{Nervion, Beckenham Grove, Short- lands, Kent.
t ✠	{1878 Feb. 5. 1883 May 29.}	BARRON, JAMES .. .. .	216 Union Street, Aberdeen.
	{1887 Apr. 5. 1897 Nov. 30.}	*BARROW, WALTER DUNCAN ..	Burma Rys. Co., Rangoon, Burma.
	1887 May 24.	BARRY, ARTHUR JOHN .. ..	7 The Sanctuary, Westminster, S.W.
	1893 May 16.	{BARRY, Sir JOHN WOLFE, K.C.B., LL.D. ( <i>Glas.</i> ), F.R.S. ( <i>Past-President. Member of</i> <i>Council.</i> ) .. .. .}	21 Delahay Street, Westminster, S.W. (Consilium, London. West- minster 24.)
T t ✠	1868 Feb. 4.	BARTHOLOMEW, WILLIAM HAMOND	Aire and Calder Office, Leeds.
	{1882 May 23. 1893 Nov. 14.}	BARTLETT, JAMES HERBERT ..	Middlesborough, Kentucky, U.S.
	{1884 Jan. 8. 1894 Apr. 3.}	BARTLETT, THOMAS WALTER	{c.o. H. S. King & Co., Pall Mall, S.W.
	{1881 Feb. 1. 1884 Mar. 4.}	BARTON, EDWARD GOLDING ..	P.W.D., Darbhanga, Bengal.
T ✠	1853 Mar. 1.	BARTON, JAMES, B.A. ( <i>Dubl.</i> )	{Exchange Buildings, Dundalk. (Barton, Exchange, Dunkalk.)
	1881 Feb. 1.	*BARTON, Sir JOHN GEORGE, C.B.	Valuation Office, Dublin.
	{1896 Feb. 4. 1904 Feb. 2.}	BASSET, WALTER BASSETT ..	Watermouth Castle, Ilfracombe.
	{1883 Feb. 6. 1895 Apr. 2.}	BASSETT, ALEXANDER BARKER	Cheverell, Llandaff.
	1892 Mar. 1.	*BATCHEN, THOMAS MACKENZIE	{Board of Public Works, Custom House, Dublin.
	{1888 Dec. 4. 1895 Oct. 22.}	BATES, ONWARD .. .. .	{Bates & Rogers Construction Co., 1203 Manhattan Bldg., Chicago, U.S.
	1878 Dec. 3.	BAXTER, WILLIAM .. .. .	Ashburton, Canterbury, N.Z.
	{1885 Mar. 3. 1894 May 8.}	*BAYER, CHARLES ALBERT ..	{Hydraulic Engineer's Office, Ade- laide, South Australia.
	1875 Feb. 2.	BAYLEY, KENNETT .. .. .	Milford House, co. Carlow.
	{1883 May 29. 1900 Mar. 27.}	BAYLISS, GEORGE REGINALD ..	
	1895 May 21.	BAYLISS, RAWLINSON TENNANT	11 Cornhill, E.C. (Sorrowful, London.)
m m ✠	{1874 Jan. 13. 1879 Apr. 8.}	*BAZALGETTE, EDWARD .. ..	{Cherney, Arthur Road, Wimbledon Park, S.W.

Date of Election and of Transfer.		MEMBERS.	
t ✠	{1885 May 19. 1893 Feb. 7.}	*BEARE, <i>Professor</i> THOMAS HUDSON, B.A. ( <i>Adelaide</i> ), B.Sc. ( <i>Lond.</i> ), F.R.S.E.	Engineering Laboratory, University, Edinburgh.
W t ✠	{1875 Mar. 2. 1886 Feb. 16.}	BEAUMONT, WILLIAM WORBY	{22 Outer Temple, 222 Strand, W.C. (Vibromotor, Lond. Gerrard 4160.)
T t ✠	1860 Dec. 4.	BEAZELEY, ALEXANDER .. ..	{4 Park Villas, Hanover Road, Wey- mouth.
S t ✠	{1889 May 21. 1895 Nov. 26.}	BECKETT, WILLIAM THOMAS CLIFFORD .. .. .	W. Watson & Co., Calcutta.
	1884 May 27. 1897 Mar. 15.	BEDSON, JOSEPH PHILLIPS ..	{8 Clifton Avenue, Fallowfield, Man- chester.
	1894 Jan. 9. 1902 Dec. 16.}	BEESELEY, WALTER .. .. .	11 Victoria Street, S.W.
	1904 Jan. 12. 1893 Dec. 5.}	BEHR, HANS CHARLES .. ..	Johannesburg, Transvaal.
	1901 Feb. 5.}	BELL, ARCHIBALD GRAEME ..	P.W.D., Georgetown, Demerara.
	1881 Dec. 6.}	*BELL, ARTHUR WILBRAHAM	P.W.D., Perth, Western Australia.
	1890 May 20.}	DILLON .. .. .	
	1867 Apr. 2. 1897 Dec. 7.}	BELL, CHARLES NAPIER .. ..	G.P.O., Wellington, N.Z.
	1902 Mar. 11.}	BELL, GEORGE JOSEPH .. ..	County Surveyor, Carlisle.
✠	{1866 Feb. 6. 1878 Dec. 3.}	BELL, HENRY PURDON .. ..	Victoria, British Columbia.
t ✠	{1867 May 21. 1868 Apr. 21.}	BELL, IMRIE .. .. .	49 Dingwall Road, Croydon.
S H t ✠	{1867 May 21. 1873 Apr. 8.}	BELL, <i>Sir</i> ISAAC LOWTHIAN, <i>Bart.</i> , LL.D. ( <i>Edin.</i> ), F.R.S.	Rounton Grange, Northallerton.
	1896 Dec. 1.	BELL, JAMES .. .. .	{22 Wilton Road, Craigmillar Park, Edinburgh.
t ✠	1879 Dec. 2. 1895 Dec. 3.}	BELL, JAMES RICHARD .. ..	Hazeldene, Ightham, Kent.
	1902 Feb. 11.}	BELL, LEONARD MOORE .. ..	Municipal Offices, Singapore, S.S.
	1896 Apr. 14.}	*BELL, NORRIS GARRETT .. ..	{Railway Dept., Brisbane, Queens- land.
	1903 Mar. 31.}	BELL, VALENTINE GRAEME, C.M.G.	Director of Public Works, Jamaica.
	1882 Dec. 5.}	BELL, WILLIAM REID .. ..	Box 78, Potchefstroom, Transvaal.
✠	{1892 Dec. 6. 1901 Feb. 19.}	*BELLAMY, CHARLES VINCENT	{Director of Public Works, Lagos, West Africa.
	1885 May 5. 1880 Dec. 7.}	BELLAMY, GEORGE DAVID .. ..	6A Courtenay Street, Plymouth.
	1897 Nov. 30.}	*BELLASIS, EDWARD SKELTON	Mooltan, Punjab.
	1880 Feb. 3.}	*BELLINGHAM, AUGUSTUS WIL-	Queen Anne's Mansions, West- minster, S.W.
	1902 Dec. 16.}	LIAM HARVEY .. .. .	
	1871 Dec. 5.	BENEDICT, ERNEST .. .. .	{Clun House, Surrey Street, W.C. (Central 6635.)
	1893 Jan. 10.}	*BENGOUGH, CYRIL FRANCIS ..	Old Station House, Witton-le-Wear.
	1904 Feb. 16.}	*BENT, BALDWIN HARRY,	Heysham Harbour, Lancashire.
	1889 Dec. 3.}	M.A. ( <i>Cantab.</i> ) .. .. .	
	1899 Jan. 17.}	BENTON, JOHN, C.I.E., F.C.H.	c.o.H. S. King & Co., Pall Mall, S.W.
	1884 Dec. 2.}	{BERESFORD, JOHN STUART, C.I.E., M.E. ( <i>Queen's</i> ) .. .. .	{2 Carlton Gardens, Ealing, W.
	1877 Apr. 10.}	BERNAYS, JOSEPH .. .. .	{96 Newgate Street, E.C. (Anybers, London.)
	1884 Apr. 1.}	BERNAYS, LEWIS ADOLPHUS,	Railway Department, Brisbane, Queensland.
	1895 Feb. 5.}	Jun. .. .. .	
	1899 Nov. 28.}	*BERRELL, WILLIAM .. .. .	{Thames Conservancy, Victoria Em- bankment, E.C.
	1873 Feb. 4.}	{BERRIER-FONTAINE, JEAN-BAP- TISTE LOUIS FÉLIX MARO ..	Boulevard de Strasburg 16, Toulon- sur-mer (Var), France.
✠	{1885 Dec. 1. 1902 Dec. 16.}	BERRINGTON, RICHARD EVANS WILLOUGHBY .. .. .	Graiseley, Wolverhampton.

Date of Election  
and of Transfer.

## MEMBERS.

	1879 Feb. 4.}	BERTODANO, CHARLES EDMUND DE	{47 Victoria Street, S.W. (Euripides, London.)
	1892 Nov. 22.}		
	1890 Feb. 4.}	BESANT, FREDERICK WILLIAM	Chilbridge, Wimborne, Dorset.
	1903 Feb. 10.}		
	1882 May 2.}	*BEST, CHARLES WILLIAM ..	County Surveyor, Brecon.
	1894 May 22.}		
	1899 Dec. 5.}	BEVIS, R. RATSEY .. ..	Ironworks, Birkenhead.
	1882 Feb. 7.}		
	1896 Dec. 22.}	*BEWICK, THOMAS BURRELL ..	{20 Copthall Avenue, E.C. (Bewick, London. London Wall 758.)
	1882 Mar. 7.}		
	1901 Feb. 19.}	BEWLAY, HUBERT .. ..	Thomas Piggott & Co., Birmingham
	1882 Feb. 7.}	BEZZI, Chev. TOMASO GAUDENZIO	Ypiranga Works, São Paulo, Brazil.
	1894 May 1.}		
	1898 Dec. 20.}	BICKNELL, ROBERT HENRY ..	{Local Government Board, White-hall, S.W. [E.C.]
	1878 Mar. 5.}	BIDDER, BARTHOLOMEW PARKER	c.o. Everett & Co., 51 Fetter Lane,
T t ✕	1900 Jan. 9.}	BIDDER, FREDERICK WILLIAM	13 Victoria Street, S.W.
	1903 Apr. 7.}	BIDWELL, HARRY SHELFORD ..	{Outer Barrier Works, Hodbarrow, Millom, Cumberland.
✕	1897 Apr. 6.}	BILES, Professor JOHN HARVARD	10 University Gardens, Glasgow.
	1899 Jan. 10.}	BILLINTON, ROBERT JOHN ..	Lea Hurst, Preston Park, Brighton.
T St ✕	{1865 Feb. 7.}	BINNIE, Sir ALEXANDER	9 Great George Street, S.W. (Arbin-
	{1873 May 20.}	RICHARDSON (Vice-President.)	tro, London. Westminster 5070.)
	1892 Dec. 6.}	*BINNIE, WILLIAM JAMES EAMES,	9 Great George Street, S.W. (Arbin-
	1900 Dec. 19.}	B.A. (Cantab.) .. ..	tro, London. Westminster 5070.)
	1885 May 19.}	BIRKBECK, MORRIS .. ..	{Dippenhall Cottage, Farnham, Surrey.
	1882 Apr. 4.}		
	1893 Nov. 7.}	BIRKINSHAW, ARTHUR HENRY	c.o. H. S. King & Co., Pall Mall, S.W.
	1900 Dec. 4.}	BISHOP, ALEXANDER .. ..	Caledonian Railway, Glasgow.
	1870 Dec. 6.}		
	1877 Oct. 30.}	BISSET, JAMES .. ..	Claremont, Cape Town, C.C.
	1875 May 4.}		
	1898 Apr. 5.}	BLABER, CHARLES OLIVER ..	
	1897 Apr. 6.}		
	1903 Dec. 22.}	BLACK, ROBERT SMITH .. ..	Algeciras Railway, Gibraltar.
	1888 Jan. 10.}	BLACKBURN, ALEXANDER BE-	Brush Electrical Engineering Co.,
	1892 Mar. 8.}	WICKE .. ..	Loughborough.
	1904 Mar. 1.}	BLACKWELL, KENNET WILLIAM	{Montreal Steel Works, Montreal, Canada.
	1884 Feb. 5.}		
	1897 Feb. 23.}	*BLAIR, WILLIAM NISBET .. ..	Vestry Hall, St. Pancras Road, N.W.
	1873 Mar. 4.}	BLAKESLEY, THOMAS HOLMES,	The Elms, Eliot Park, Blackheath,
	1885 Jan. 27.}	M.A. (Cantab.) .. ..	S.E.
	1856 Mar. 4.}	BLAKISTON, MATTHEW .. ..	Free Hills, Bursledon, Southampton.
	1895 Dec. 3.}	BLIGH, WILLIAM GEORGE ..	Fotheringhay, Bexhill-on-Sea.
✕	{1887 Apr. 5.}	*BLOMFIELD, HAROLD ARTHUR	{Department of Public Works, Wol-
	{1894 Feb. 27.}		longong, New South Wales.
✕	1878 Mar. 5.}	BLOOD, BAGOT WILLIAM .. ..	Albert House, Dalkey, co. Dublin.
	1863 May 5.}	BLOUNT, JOHN DARELL .. ..	Mapledurham, Reading.
	1877 Dec. 4.}		
	1901 Feb. 19.}	BLOXSOM, MARTIN, B.A. (Lond.)	{Hazlewood, Crumpsall Green, Man-
	1887 Feb. 1.}		chester.
	1903 Dec. 22.}	*BLUETT, FREDERICK .. ..	19 Bedford Circus, Exeter.
	1886 Jan. 12.}		
	1899 Nov. 28.}	BLUNDELL, HARRY .. ..	{Cheshire Lines, Central Station, Liverpool.
✕	1877 Feb. 6.}	*BLYTH, BENJAMIN HALL,	{17 Palmerston Place, Edinburgh.
		M.A. (Edin.), F.R.S.E. ..	
✕	{1892 May 24.}	*BODY, JOHN BENJAMIN .. ..	Puente de Alvarado 15, Mexico City
	{1901 Dec. 17.}		
	1900 Feb. 6.}	BOGART, JOHN .. ..	16 Exchange Place, New York, U.S
	1866 Apr. 10.}		
	1877 Nov. 13.}	BOHN, GEORGE .. ..	Imperial Chambers, Hull.



	Date of Election and of Transfer.	MEMBERS.	
	1891 Feb. 3.	{ BOLLER, ALFRED PANCOAST, M.A. (Penn.) .. .. }	1 Nassau Street, New York, U.S.
✦	1887 Feb. 1.	BOLTON, ALEXANDER JOSEPH	Calcutta.
	1884 Dec. 2.	BOND, CHARLES JOHN .. ..	South Indian Ry., Trichinopoly.
	1884 Feb. 5.	BONN, CARL RODERIQUE LOUIS	180 Hope Street, Glasgow.
	1896 Nov. 16.	MENNI .. .. .	
✦	{ 1876 May 2. 1878 Dec. 31. }	BOOTH, ROBERT BELL .. ..	{ Lalpuri, Silchester Road, Glengary, co. Dublin.
	1891 Feb. 3.	*BORROWMAN, WILLIAM CAMERON	Strathmore, West Hartlepool.
	1901 Dec. 17.		
	1878 May 7.	BOSTOCK, JOHN HENRY .. ..	Harbour Works, Colombo, Ceylon.
	1879 Feb. 4.	BOSWELL, ST. GEORGE JAMES, }	Harbour Works, Quebec, Canada.
	1892 Nov. 1.	B.Sc. (McGill) .. .. .	
	1877 Feb. 6.	BOTLEY, CHARLES EDWARD ..	Gasworks, Hastings.
	1897 Mar. 2.		
	1890 Dec. 2.	BOUCHER, ARTHUR SACKVILLE	{ Sharpeliffe Hall, Ipstones, Stoke-on-Trent.
	1895 Oct. 22.		
✦	{ 1874 Feb. 3. 1878 Apr. 16. }	*BOULNOIS, HENRY PERCY ..	{ Local Government Board, Whitehall, S.W.
	1886 Jan. 12.	*BOURKE, WALTER LONGLEY ..	Manor House, Elstree, Herts.
	1896 May 19.		
	1880 Dec. 7.	{ BOUSCAREN, LOUIS FREDERICK GUSTAVE .. .. . }	City Hall, Cincinnati, U.S.
✦	{ 1876 Dec. 5. 1886 May 18. }	*BOVEY, HENRY TAYLOR, M.A., LL.D. (Cantab.), F.R.S. }	McGill University, Montreal, Canada.
	1889 Dec. 3.	BOWER, THOMAS .. .. .	Ribble House, West Hartlepool.
	1900 Dec. 19.		
	1876 Apr. 4.	BOWSTEAD, CHARLES JAMES ..	Hyde Grange, Chalford, Glos.
	1881 Feb. 22.		
	1882 Apr. 4.	*BOYCE, HENRY GEORGE, F.C.H.	Allahabad, India.
	1894 Oct. 30.		
✦	{ 1854 Jan. 10. 1860 Feb. 14. }	BOYLE, RICHARD VICARS, C.S.I.	{ 3 Stanhope Terrace, Hyde Park, W.
	1884 Dec. 2.	*BOYNTON, FRANCIS, Major R.E.	R. E. Office, Warwick.
	1893 May 16.		
	1893 Dec. 5.	*BRADLEY, JAMES WILLIAM ..	City Hall, Charing Cross Road, W.C.
	1903 Dec. 22.		
C t	{ 1883 May 29. 1895 Jan. 29. }	BRADY, ALFRED BARTON ..	{ Under Secretary, D.P.W., Brisbane, Queensland.
	1868 May 5.	BRADY, FRANCIS .. .. .	12 St. Edmund's Terrace, N.W.
✦	{ 1875 Dec. 7. 1878 Dec. 3. }	BRADY, JOSEPH .. .. .	{ 367 Collins St., Melbourne, Victoria.
	1877 May 1.	BRAMALL, HENRY .. .. .	{ Pendlebury Collieries, near Manchester. [Bombay.
	1897 Apr. 6.	*BRAND, ALLEN MASON .. ..	G. I. P. Ry., Engineer's Office,
Tt Mm	{ 1883 May 28. 1899 Nov. 28. }	*BREBNER, ALAN, B.Sc. (Edin.)	Croxton Villa, Eccleshall, Staffs.
	1874 May 5.	BRENAN, GEORGE WOULFE ..	{ Albany Street Chambers, Oban, N.B.
	1899 Jan. 10.		
	1891 Dec. 1.	BRERETON, ALFRED, C.S.I. ..	{ c.o. Grindlay & Co., Parliament Street, S.W.
	1880 Feb. 3.	{ BRERETON, CUTHBERT ARTHUR (Member of Council.) }	{ 21 Delahay St., Westminster, C.W. (Consilium, London. Westminster 24.) [U.S.
	1865 Jan. 10.	BRERETON, ROBERT MAITLAND	Woodstock, near Portland, Oregon,
	1878 Mar. 5.	BRETLAND, JOSIAH CORBETT ..	Bramcote, Craigavad, co. Down.
	1885 Feb. 3.		
	1901 Feb. 5.	BRIAN, SANTIAGO .. .. .	31 Avenida Republica, Buenos Aires.
	1881 Mar. 1.	*BRIGGS, JAMES .. .. .	Midland Railway, Derby.
	1891 Apr. 21.		
	1881 Dec. 6.	BRIGGS, JOHN HENRY .. ..	Howden, East Yorks.
	1893 Nov. 7.		

Date of Election  
and of Transfer.

## MEMBERS.

	1896 May 5.	BRIGGS, ROSWELL EMMONS ..	Apartado 561, Mexico.
t m ✕	{ 1889 Dec. 3. }	*BRIGHTMORE, ARTHUR WILLIAM,	Egham Hill, Egham, Surrey.
	{ 1896 Nov. 24. }	D.Sc. ( <i>Victoria</i> ) .. .. . }	
	1874 Mar. 3.	BRIND, ALFRED WALTER ..	19 Madeley Road, Ealing, W.
T t ✕	{ 1874 May 5. }	BRITTLE, JOHN RICHARD,	Farad Villa, Vanbrugh Hill, Black- heath, S.E.
	{ 1886 Mar. 1. }	F.R.S.E. .. .. . }	
	1868 Dec. 1.	BROADRICK, GEORGE, F.R.S.E.	{ Broughton House, Broughton Road, Ipswich.
	1865 Feb. 7. }	BROCK, WALTER .. .. . }	Denny Brothers, Dumbarton.
	1877 Mar. 13. }		
	1904 Apr. 19.	BROCK, HENRY WILLIAM ..	Denny Brothers, Dumbarton, N.B.
	1890 Jan. 14. }	BRODIE, JOHN ALEXANDER ..	City Engineer, Liverpool.
	1897 Dec. 7. }		
	1886 Dec. 7. }	*BRODIE, ROBERT .. .. . }	17 Priory Street, Birkenhead.
	1902 Mar. 4. }		
	1893 Dec. 5. }	BROË, VICTOR EDGAR DE }	North Western Railway, Lahore, India.
	1896 Nov. 24. }	BIRCHIN DE .. .. . }	
	1871 May 23. }	BROMLEY, WALTER BRANDRETH	{ Chakrata, Brittany Road, St. Leonards.
	1889 Nov. 26. }		
	1883 Jan. 9. }	*BROOKHOUSE, ROBERT HAROLD	Calle 25 de Mayo 81, Buenos Aires.
	1889 Nov. 15. }		
	1877 Dec. 4. }	BROOM, GEORGE JAMES COTTOM	Boro' Engineer, St. Helens, Lancs.
	1892 Nov. 15. }		
	1876 Jan. 11. }	*BROUNGER, RICHARD ERNEST ..	Ferrocarril, San José, Costa Rica.
	1885 May 12. }		
	1885 Dec. 1. }	*BROUNGER, SYDNEY GEORGE ..	36 Priory Road, Bedford Park, W.
	1904 Jan. 19. }		
✕	1890 Feb. 4. }	BROWN, ANDREW .. .. . }	Wm. Simons & Co., Renfrew.
	1881 May 31. }		
	1885 Nov. 10. }	BROWN, ARTHUR .. .. . }	Guildhall, Nottingham.
	1883 Dec. 4. }		
	1894 Jan. 23. }	BROWN, ARTHUR CARDWELL ..	Reconquista 144, Buenos Aires.
	1886 Feb. 2. }		
	1893 Dec. 5. }	BROWN, ARTHUR EDWARD ..	Tower House, East Cowes, I.W.
	1894 Feb. 6. }		
	1902 Jan. 28. }	*BROWN, CHARLES SIDNEY VESSEY	{ 13 Mosley Street, Newcastle-on- Tyne.
	1882 Dec. 5. }	*BROWN, GEORGE CECIL HER-	
	1894 Jan. 16. }	BERT .. .. . }	Broad Sanctuary Chambers, West- minster, S.W. (Postcard, London.)
	1895 May 21. }		
	1904 Jan. 19. }	BROWN, HAROLD HENRY LANE	{ Sewerage and Waterworks, Benares, India.
	1879 Dec. 2. }		
	1890 May 20. }	*BROWN, JAMES SAMUEL .. ..	{ Consulting Engineer for Railways, Rangoon, Burma.
	1873 Dec. 2. }	BROWN, JOHN, C.M.G.	
	1882 Feb. 7. }	( <i>Member of Council.</i> )	{ Eng.-in-Chief, Govt. Railways, Cape Town, C.C.
	1889 Dec. 3. }		
	1903 Jan. 20. }	BROWN, JOSEPH WILLIAM ..	Church Square, West Hartlepool.
m	{ 1874 Mar. 3. }	*BROWN, OSWALD .. .. . }	
	{ 1880 May 25. }		{ 32 Victoria Street, S.W. (Acqua, London.)
T ✕	1904 Feb. 2. }	BROWN, Sir ROBERT HANBURY, K.C.M.G., Major R.E. ret.	Newlands, Crawley Down, Sussex.
S t ✕	1868 Dec. 1. }	BROWN, THOMAS FORSTER ..	
	1901 Apr. 23. }	BROWN, WESTGARTH FORSTER	Guildhall Chambers, Cardiff.
	1864 Dec. 6. }	BROWNE, Sir BENJAMIN CHAP-	
	1871 Mar. 7. }	MAN, D.C.L. ( <i>Durham</i> ) ..	Hawthorn's Engine Works, New- castle-on-Tyne.
	1893 Dec. 5. }		
	1903 Dec. 22. }	BROWNING, GEORGE ELLIOT ..	Trichur, South India.
	1896 Feb. 4. }		
	1904 Feb. 23. }	BROXUP, CHARLES THOMAS ..	{ Loco. Supt., Railways, Manila, Philippines.
t ✕	{ 1882 Dec. 5. }	BRUCE, ALEXANDER FAIRLIE	
	{ 1894 Feb. 27. }		Municipality, Bombay.
T ✕	1850 Apr. 2. }	BRUCE, Sir GEORGE BARCLAY	3 Victoria Street, S.W. (Brentesia, London.)
		( <i>Past-President.</i> )	
	1892 Dec. 6. }	BRUCE, JOHN .. .. . }	Hill Crest, Whitby.



Date of Election and of Transfer.		MEMBERS.	
1886 Apr. 6.	t	*BRUNDELL, HENRY AUGUSTUS	1 Prince's Street, Doncaster.
1899 Nov. 28.			
1885 May 19.		*BRUNLEES, HOWARD .. ..	{ Harratt & Pollock, 27 Ely Place, Holborn, E.C.
1899 Dec. 12.			
1875 Dec. 7.		*BRUNLEES, JOHN .. ..	{ 12 Victoria Street, S.W. (West- minster 245.) [U.S.]
1878 May 14.			
t ✚ 1884 May 27.		BRUNTON, DAVID WILLIAM ..	865 Grant Avenue, Denver, Colorado,
1884 Jan. 8.			
1901 Dec. 11.		*BRUNTON, JAMES FORREST ..	Municipality, Karachi, India.
✚ { 1875 Mar. 2.		BRYAN, WILLIAM BOOTH ..	{ East London Waterworks, Lea Bridge, N.E. (Engineer, Water- works, Clapton.)
1879 Mar. 4.			
1891 May 12.		*BRYANT, ERNEST WALROND ..	54 Meadow Street, Fort Bombay.
1901 Jan. 15.			
1878 Feb. 5.		BUCHANAN, ALEXANDER .. ..	Messrs. Handyside & Co., Derby.
✚ { 1891 Feb. 3.		*BUCHANAN, GEORGE CUNNING-	{ Chairman, Port Trust, Rangoon, Burma.
1899 Dec. 12.		HAM .. ..	
1891 Jan. 13.		BUCHANAN, WILLIAM .. ..	160 West 87th Street, New York, U.S.
t ✚ 1898 Dec. 6.		BUCK, LEFFERT LEFFERTS ..	Hastings on Hudson, New York, U.S.
1871 Apr. 4.			
1887 Jan. 25.		BUCKHAM, EDWARD .. ..	Town Hall, Ipswich.
✚ { 1873 Dec. 2.		BUCKLEY, ROBERT BUPTON, }	{ 44 Clauricarde Gardens, Bayswater, W.
1880 Nov. 2.		C.S.I. .. ..	
1879 Apr. 1.		BUDGE, ENRIQUE .. ..	Valparaiso, Chile. [Argentina.]
1888 Dec. 4.		BUDGE, OLIVER .. ..	East Argentine Ry., Concordia,
1873 May 6.		BULKLEY, THOMAS ALFRED ..	Penyllan Hall, Meifod, Welshpool.
1879 Nov. 4.			
1875 Dec. 7.		BULMER, PHILIP .. ..	37 The Avenue, Sunderland.
1889 Apr. 16.			
1886 Apr. 6.		BURCH, WILLIAM .. ..	{ Admiralty Office, H.M. Dockyard Extension, Keyham, Devonport.
1894 Nov. 27.			
T t ✚ { 1866 Mar. 6.		BURGE, CHARLES ORMSBY ..	{ Railway Construction Branch, P.W.D., Sydney, N.S.W.
1878 Apr. 9.			
1888 Dec. 4.		*BURGESS, SAMUEL EDWIN ..	Boro' Engineer, South Shields.
1899 Apr. 18.			
✚ { 1871 May 23.		*BURKE, CHARLES TOLER ..	{ School Board, Sir Thomas Street, Liverpool.
1883 May 1.			
1872 Dec. 3.		BURKE, GEORGE JOHN .. ..	37 Brighton Rd., St. Kilda, Victoria.
1883 Mar. 20.			
1887 Dec. 6.		BURKE, JAMES MARLOW ..	{ G. S. & W. Ry., Cork. (Burke, Cork.)
1893 Dec. 5.			
1902 Apr. 8.		*BURN, GEORGE FRANK .. ..	9 Great George Street, S.W.
1903 Mar. 3.		BURNET, FARIE .. ..	{ Assist. Engr.-in-Chief, Table Bay Harbour Works, Cape Colony.
1886 Dec. 7.			
1896 Feb. 25.		BURNETT, JAMES .. ..	Ry. Dept., Wellington, N.Z.
1866 Feb. 6.			
1871 May 2.		BURNETT, ROBERT HARVEY ..	Gorton Foundry, Manchester.
1884 Feb. 5.			
1889 Mar. 12.		BURR, WILLIAM HENRY ..	{ El Rancho, F.C. del Norte, Guate- mala.
✚ 1893 Dec. 5.		BURR, WILLIAM HUBERT ..	{ Columbia College, New York, U.S. Harbours and Rivers Branch, P.W.D., Sydney, N.S.W.
1902 Dec. 2.		BURROWS, THOMAS EDWARD ..	
1876 May 2.		*BURSTAL, EDWARD KYNASTON	{ 38 Parliament Street, S.W. (Holo- meter, London.)
1881 Jan. 11.			
1892 Dec. 6.		BURSTALL, Professor HENRY	{ Mason University College, Bir- mingham.
1900 Dec. 18.		FREDERIC WILLIAM, M.A. (Cantab.) .. ..	
1888 Dec. 4.		*BURSTALL, HENRY ROBERT	{ 14 Old Queen St., Westminster, S.W.
1897 Mar. 2.		JOHN .. ..	
1887 Apr. 5.		*BURY, OLIVER ROBERT HAWKE	{ General Manager, G.N.Ry., King's Cross, N.
1894 Feb. 27.			

Date of Election and of Transfer.		MEMBERS.	
1874 May 12.	BUSH, GEORGE .. .. .	110 Cannon Street, E.C.	
1894 Dec. 4.}	BUSH, ROBERT, B.A. ( <i>Oxon.</i> ) ..	Dockyard, Liverpool.	
1903 Jan. 20.}			
1898 Dec. 6.	BUSH, THOMAS JAMES .. ..	Australian Gas Co., Sydney, N.S.W.	
† { 1885 Apr. 14.}	BUTLER, MATTHEW JOSEPH ..	{ Locomotive Co. of Montreal, 75 Notre Dame Street, Maisonneuve, P.Q., Canada.	
1893 Nov. 7.}			
1875 Dec. 7.	BUTLER, WALTER .. .. .	Witham, Essex.	
1874 May 5.}	BUTLER, WILLIAM FREDERIC	14 Nicholas Street, Chester.	
1904 Feb. 2.}			
1888 Dec. 4.}	BUTLER, <i>Professor</i> WILLIAM ROBERT, M.E. ( <i>King's Coll., Nova Scotia.</i> )	Royal Military College, Kingston, Ontario, Canada.	
1898 Nov. 29.}			
m † 1881 Apr. 5.	BUTTER, HENRY JOSEPH ..	Claremont, Burrage Rd., Plumstead.	
1888 Dec. 4.}	BUTTON, FRED SMITH .. ..	Blannel Street, Burnley.	
1895 Jan. 8.}			
1900 Apr. 3.	CAIRD, ROBERT, LL.D. ( <i>Glas.</i> )	Greenock, N.B.	
† { 1892 Dec. 6.}	CALLAWAY, HUGH .. .. .	J. I. Thornycroft & Co., Chiswick, W.	
1900 Dec. 18.}			
1900 Dec. 4.	CALTHROP, EVERARD RICHARD	{ 3 Crosby Square, E.C. (Raillerais. London. Avenue 4360.)	
1892 Apr. 5.	CAMARA, ANTONIO DE LA ..	Calle Marmoles 6, Seville, Spain.	
1881 Dec. 6.	CAMERON, EDWARD ALEXANDER	The Towers, College Road, Buxton.	
1887 Dec. 6.}	*CAMPBELL, ADAM HORSBURGH ..	Town Hall, East Ham, E.	
1904 Mar. 15.}			
1887 Apr. 5.}	CAMPBELL, KENNETH FIND- LATER .. .. .	Borough Engineer, Huddersfield.	
1900 Jan. 23.}			
1868 Dec. 1.	CAMPBELL, THOMAS PROCTER ..	Dalhousie, Punjab.	
1889 Apr. 30.}	*CAMPION, JOHN MONTRIOU ..	Kufri, Amherst Road, Ealing, W.	
1872 Dec. 3.}			
1885 Feb. 24.}	CANNING, <i>Sir</i> SAMUEL .. ..	1 Inverness Gardens, Kensington, W.	
1876 Feb. 1.			
m † { 1890 Jan. 14.}	*CAPPER, <i>Professor</i> DAVID SING, M.A. ( <i>Edin.</i> ) .. .. .	{ King's College, Strand, W.C. (Westminster 5255.)	
1898 Nov. 29.}			
1863 Dec. 1.	CARBUTT, <i>Sir</i> EDWARD HAMER, <i>Bart.</i> .. .. .	19 Hyde Park Gardens, W.	
1888 Apr. 17.}	CARDEW, CORNELIUS EDWARD	Burma Rys. Co., Insein, Burma.	
1886 Feb. 2.}			
1896 Mar. 31.}	*CAREY, ALFRED EDWARD ..	{ 110 Fenchurch Street, E.C. (Fore- shore, London.)	
† { 1877 Dec. 4.}			
1884 Dec. 23.}	CARGILL, THOMAS, B.A. ( <i>Dubl.</i> )	{ E. E. Brook, 4 King's Bench Walk, Temple, E.C.	
1870 Apr. 5.}			
1877 Nov. 27.}	*CARLESS, GEORGE PROCTER ..	Trevenna, Furze Platt, Maidenhead.	
1878 May 7.}			
1896 Dec. 22.}	CARLILE, HUGH .. .. .	6 Kandauerstrasse, Riga.	
1866 Mar. 6.			
1883 Dec. 4.}	CAROLIN, EDWARD RICHARD ..	{ District Engineer, Govt. Railways, Cape Town, C.C.	
1888 Feb. 14.}			
† { 1886 Apr. 6.}	CARPENTER, CHARLES CLAUDE	{ South Metropolitan Gasworks, 709A Old Kent Road, S.E.	
1896 Mar. 17.}			
1892 Jan. 12.	CARR, ISAAC .. .. .	Gas and Waterworks, Widnes.	
1898 Dec. 20.}	CARR, MARK WILLIAM .. ..	Bella Vista, Cimiez, Nice, France.	
1875 May 4.}			
1884 Mar. 4.}	*CARR, ROBERT ALFRED .. ..	1 West Pier, London Docks, E.	
1891 Apr. 7.}			
1901 Apr. 23.}	† { CARRINGTON, WILLIAM THOMAS HENNEY .. .. .	72 Mark Lane, E.C.	
t { 1875 Dec. 7.}			
1881 Nov. 29.}			

	Date of Election and of Transfer.	MEMBERS.	
	1869 May 11.	CARROLL, EDWARD BROTHERTON	Huntington, Ottershaw, Surrey.
	1877 Jan. 23.		
†	{ 1866 Jan. 9.	CARRUTHERS, JOHN .. ..	13 Victoria Street, S.W.
	{ 1871 May 16.		
	1896 Dec. 1.	CARSON, HOWARD ADAMS ..	Malden, nr. Boston, Mass., U.S.
t †	1876 Dec. 5.	CARSON, WILLIAM .. ..	Bryn Estyn, Chester.
	1876 Feb. 1.		
	1887 Jan. 25.	CARTER, WILLIAM ALLAN ..	{ 14 Queen Street, Edinburgh. (Com- pass, Edinburgh. 1594.)
	1878 Feb. 5.		
	1884 Mar. 18.	CARTWRIGHT, GEORGE .. ..	Great Central Ry., Grimsby Docks. [Lancs.]
	1875 Dec. 7.		
	1885 Jan. 20.	CARTWRIGHT, JOSHUA .. ..	Peel Chambers, Market Place, Bury,
m	{ 1884 Feb. 5.	*CASE, ALBERT HAVELOCK ..	{ Broad Sanctuary Chambers, West- minster, S.W.
	{ 1893 Dec. 5.		
†	1872 Apr. 9.	*CASH, JOSEPH .. ..	Gas Co., Hove, Brighton.
	1891 Apr. 7.		
	1902 Feb. 4.	{ CASSON, ARTHUR WILLIAM HENRY .. ..	G.C.Ry., Elm Road, Wembley.
	1868 Dec. 1.	CATO, ALEXANDER .. ..	St. Macaire, Gironde, France.
	1900 Mar. 6.	CATT, GEORGE WILLIAM ..	{ Park Row Building, New York City, U.S.A.
	1879 Mar. 4.	CAULFEILD, FRANCIS JOHN	
	1887 May 24.	ROTHE TOBY ST. GEORGE, I.S.O.	Taiping, Perak, S.S.
	1902 Jan. 14.	{ CAVENDISH, WILLIAM HASTINGS, B.Sc. (Victoria) .. ..	S. Pearson & Son, 10 Victoria Street, S.W.
†	{ 1864 Mar. 1.	CAY, WILLIAM DYCE, F.R.S.E.	1 Albyn Place, Edinburgh.
	{ 1872 Apr. 16.		
	1878 May 7.	CHADWICK, GEORGE BURTON ..	{ c.o. London and County Bank, Brighton.
	1884 Nov. 4.		
†	{ 1872 Jan. 9.	CHADWICK, OSBERT, C.M.G. ..	{ 7 Carteret Street, Westminster, S.W.
	{ 1897 Nov. 30.		
	1889 Dec. 3.	CHALCRAFT, GEORGE BARKER	The Green, Dore, Sheffield.
	1899 Nov. 28.		
†	{ 1879 Dec. 2.	CHAMIER, GEORGE .. ..	{ Mercantile Bank Chambers, Mar- garet Street, Sydney, N.S.W.
	{ 1884 Jan. 22.		
	1882 May 23.	*CHANTER, FRANCIS WILLIAM ..	{ C. E. R. Chanter, Bridge Chambers, Barnstaple.
	1893 Feb. 21.		
	1875 Mar. 2.	CHAPMAN, ALFRED .. ..	{ Fawcett, Preston & Co., 17 York Street, Liverpool.
	1878 Jan. 15.		
	1872 Feb. 6.	CHAPMAN, HENRY .. ..	69 Victoria Street, S.W.
	1879 Jan. 14.		
	1900 Dec. 4.	{ CHAPMAN, HENRY BENJAMIN HOGHTON .. ..	Boskenna, Shirehampton, Bristol.
	1879 Feb. 4.		
	1894 May 22.	CHAPMAN, JOSEPH CRAWHALL	Cadewell, near Torquay.
	1864 Jan. 12.	CHAPMAN, ROBERT .. ..	{ Mon Abri, Alington Rd., Lansdowne Park, Bournemouth.
	1892 Mar. 1.	*CHARTERS, ROBERT HEARN ..	Box 590, Cape Town, C.C.
	1903 Dec. 22.		
	1894 Jan. 9.	CHASE, LLOYD HEBER .. ..	New Bridge Works, Runcorn.
†	{ 1885 Feb. 3.	*CHATHAM, WILLIAM .. ..	{ Director of Public Works, Hong- kong.
	{ 1897 Nov. 30.		
	1883 Feb. 6.	{ CHATTERJEE, Rai Bahadur KHETTER NAUTH .. ..	Gustia, viâ Baraset, Calcutta.
m †	{ 1879 Feb. 4.	*CHATTERTON, GEORGE,	6 The Sanctuary, Westminster,
	{ 1883 Nov. 27.	M.A. (Dubl.) .. ..	S.W.
	1886 Feb. 2.	CHEESEWRIGHT, FREDERICK	4 Park View Terrace, Wimbledon
	1891 May 12.	HENRY	Park Road, S.W.
†	{ 1882 May 23.	CHENHALL, JAMES WARNE ..	{ Dart Villas, Totnes. (Chenhall, Totnes.)
	{ 1898 Apr. 26.		
†	{ 1889 May 21.	CHILD, WILLIAM SAMUEL ..	Harbour Engineer, Aden.
	{ 1903 Dec. 22.		



Date of Election  
and of Transfer.

## MEMBERS.

✠	{1887 Jan. 11. 1896 Dec. 15.}	CHILDE, HENRY SLADE .. ..	Wakefield. (Childe, Wakefield, 3.)
	1880 May 25.	CHORLTON, JOHN SAMUEL ..	The Rookery, Chatburn, Clitheroe.
	1847 Mar. 2. 1873 Dec. 23.}	CHRISTY, FREDERICK COLLIER	{St. Cyr, William St., South Yarra, Melbourne, Victoria.
	1894 Dec. 4.	{CHROCKATT DE SA PEREIRA DE CASTRO, JOÃO .. ..}	Rua das Larangeiras 202, Rio de Janeiro.
	1896 May 19.	CHUBB, THOMAS LYON .. ..	Western Railway, Buenos Aires.
	1875 Feb. 2.	CHURCH, RICHARD FREDERICK	{20 Victoria Street, S.W. (West- minster, 252.)
	1878 Jan. 15. 1897 Apr. 6.}	*CHURCHWARD, GEORGE DUNDAS	{Trefusis, Cary Avenue, St. Mary- church, Torquay.
	1897 Feb. 2. 1903 Dec. 22.}	CHURCHWARD, GEORGE JACKSON	Newburn, Swindon.
	1898 Dec. 6.	CLARK, CHARLES COSBY STEWART	{c.o. Thos. Cook & Son, Ludgate Circus, E.C.
	1895 Dec. 3. 1897 Dec. 7.}	CLARK, EDWIN KITSON, M.A. ( <i>Cantab.</i> ) .. ..	{Airedale Foundry, Leeds.
	1904 Jan. 12.	CLARK, LYONEL EDWIN .. ..	11 Victoria Street, S.W.
	1890 Mar. 4. 1892 Nov. 22.}	*CLARKE, GEORGE JAMES .. ..	Tees Conservancy, Middlesbrough.
	1888 Apr. 10. 1896 Feb. 25.}	*CLARKE, JOSEPH PERCIVAL ..	{Leopoldina Ry., Caixa 291, Rio de Janeiro. [S.W.]
	1866 May 15.	CLARKE, WILLIAM .. ..	39 Old Queen Street, Westminster,
	1888 Dec. 4. 1901 Dec. 11.}	CLARKE, WILLIAM JOHN .. ..	H.M. Dockyard, Devonport.
	1884 Jan. 8.	CLAYTON, THOMAS GETHING ..	The Grange, Normanton, Derby.
	1892 May 3. 1903 Apr. 7.}	CLEGHORN, ALEXANDER .. ..	{10 Whittingehame Drive, Kelvin- side, Glasgow.
	1887 Dec. 6.	CLEMENT, LEWIS METZLER ..	{Haywards, Alameda County, Cal., U.S.
✠	{1884 Apr. 1. 1902 Dec. 16.}	CLEMES, JOHN HENRY .. ..	The Bracken, Newquay, Cornwall.
W t ✠	{1889 Jan. 8. 1899 Dec. 12.}	CLERK, DUGALD .. ..	{18 Southampton Buildings, Chan- cery Lane, W.C. (Abecedary, London. Holborn, 836.)
✠	{1888 Dec. 4. 1900 Apr. 10.}	*CLIFTON, COURTENAY THORNTON	Ministry of Public Works, Cairo.
	1893 Dec. 5. 1901 Feb. 19.}	*CLIREHUGH, STAMFORD VAIR ..	4 Queen Victoria Street, E.C.
	1877 Dec. 4. 1898 Nov. 29.}	CLOUGH, CHARLES FREDERIC ..	{7 Daleham Gardens, S. Hampstead, N.W.
	1875 Dec. 7. 1888 Mar. 13.}	COATES, JOHN .. ..	{Suffolk House, Laurence Pountney Hill, E.C.
	1877 Jan. 16. 1890 May 6.}	*COBLEY, WALTER HENRY .. ..	Govt. Rys., Maritzburg, Natal.
	1883 Feb. 6.	COCHRANE, CHARLES STYLE ..	Port of Spain, Trinidad.
✠	{1890 Feb. 4. 1899 Feb. 14.}	COCKRILL, JOHN WILLIAM .. ..	Boro' Engineer, Great Yarmouth.
	1866 Feb. 6. 1872 Jan. 23.}	CODRINGTON, THOMAS .. ..	5 Riverdale Rd., Twickenham Park.
	1891 Feb. 3. 1903 Dec. 22.}	COE, DAVID .. ..	{F. C. Nacional, Tehuantepec, Mexico.
	1894 Feb. 6. 1897 Apr. 6.}	COKE, GEORGE ELMSLEY .. ..	{65 Station Street, Nottingham. (Mining, Nottingham.)
	1889 May 3. 1892 Jan. 26.}	COLAM, WILLIAM NEWBY .. ..	{57 Henderson Row, Edinburgh. (Colam, Edinburgh.)
	1904 Jan. 12.	COLE, HENRY AYLWIN BEVAN	50 Lime Street, E.C.
✠	{1892 Jan. 12. 1895 May 14.}	*COLE, WILLIAM HENRY .. ..	{10 Argyll Mansions, Addison Bridge, Kensington, W.
	1891 Mar. 3.	{COLEBROOK, HENRY WILLIAM VAUGHAN .. ..}	c.o. H. S. King & Co., Pall Mall, S.W.

Date of Election and of Transfer.		MEMBERS.	
†	{1877 Dec. 4. 1890 Dec. 16.}	COLES, HENRY JAMES .. ..	London Crane Works, Derby.
	1886 Mar. 2.	COLLARD, ROBERT .. ..	Orchard Leigh, St. John's, Ipswich.
	1899 Dec. 5.	COLLEDGE, FRANCIS STEEL ..	109 Bath Street, Glasgow.
	1894 Mar. 6.	{COLLEN, WILLIAM, M.A.,	County Surveyor, 9 Hume Street,
	1898 Nov. 29.	{ B.A.I. (Dubl.) .. .. }	Dublin.
	1898 Mar. 1.	COLLET, HAROLD VAN BRIENAN	{Hulburt Engineering Co., 150 Leadenhall Street, E.C. (Un- waverling, London. Avenue 444.)
	1887 Dec. 6.	COLLIN, ALFRED JONES .. ..	Wynthome, Oswestry.
	1901 Feb. 19.		
T t †	1881 Feb. 1.	COLLINGWOOD, FRANCIS .. ..	Elizabeth, New Jersey, U.S.
	1880 Dec. 7.	*COLLINGWOOD, WILLIAM .. ..	{Vulcan Foundry, Newton-le- Willows, Lanes.
	1895 Mar. 5.		
	1887 Dec. 6.	COLLINS, ARTHUR ELLISTON ..	City Engineer, Norwich.
	1899 Feb. 28.		
†	{1884 May 6. 1892 Jan. 11.}	COLLINS, ERNEST .. ..	Wedderburn Road, Hampstead, N.W.
	1899 Mar. 7.	*COLLINSON, ALFRED HOWE ..	
	1882 Dec. 5.	{COLLISTER, JOHN GEORGE	G. I. P. Railway, Bombay.
	1876 Mar. 7.	{ HENRY .. .. }	
	1889 Apr. 9.	COLSON, ALFRED .. ..	Gas Offices, Leicester.
t †	{1871 Feb. 7. 1884 Mar. 11.}	COLSON, CHARLES, C.B. .. ..	Admiralty, 47 Victoria Street, S.W.
†	{1890 Feb. 4. 1901 Feb. 12.}	*COLSON, CHARLES HENRY ..	{2 Sternhold Avenue, Streatham Hill, S.W.
	1893 Dec. 5.	*COLVIN-SMITH, HARRY COLVIN	{5 Cresswell Gardens, S. Kensington, S.W.
	1904 Apr. 19.		
	1870 May 24.	COLYER, FREDERICK .. ..	{41 Old Queen Street, Westminster, S.W.
	1877 Mar. 27.		
	1897 Dec. 7.	COMBER, PATRICK FORSTALL	19 Lower Leeson Street, Dublin.
W t †	{1883 May 29. 1895 Oct. 22.}	COMMANS, ROBERT EDDEN ..	{6 Queen Street Place, E.C. (Ade- laide, London. Bank 828.)
	1883 Dec. 4.	*CONGREVE, HUBERT .. ..	{Ship Canal Co., 41 Spring Gardens, Manchester.
	1893 Mar. 21.		
	1884 May 6.	CONNAL, EBEN .. ..	{Midland & S.W. Junction Railway, Cirencester.
	1891 Mar. 24.		
	1891 Dec. 1.	CONNERY, DANIEL,	{Walker, Price and Reeves, 15 Great George Street, S.W.
	1898 Dec. 6.	M.E. (Queen's) .. ..	
	1902 Mar. 4.	CONNETT, ALBERT NEUMANN ..	22a College Hill, E.C.
	1870 Dec. 6.	*COODE, JOHN CHARLES .. ..	{9 Victoria Street, S.W. (Penlee, London. Westminster 47.)
	1883 Mar. 13.		
	1886 Dec. 7.	COODE, MONTGOMERY PENROSE	Rangoon, Burma.
	1896 Jan. 28.		
	1894 May 1.	COOK, DAVID .. ..	165 Queen Victoria Street, E.C.
	1887 Dec. 6.	COOK, GEORGE LESLIE .. ..	P.W.D., Dunedin, Otago, N.Z.
†	{1889 Feb. 5. 1895 May 14.}	COOK, WALTER EDMUND ..	{Water and Sewerage Dept., Pitt St., Sydney, N.S.W.
	1893 Jan. 10.	COOM, JOHN .. ..	Ry. Department, Wellington, N.Z.
	1884 May 27.	*COOMBS, CHARLES JOHN	Cedar Lodge, Plympton, Devon.
	1901 Feb. 19.		
	1880 May 25.	*COOPER, CHARLES HAMLET ..	Council Offices, Wimbledon.
	1899 Mar. 28.		
	1885 Dec. 1.	*COOPER, FRANCIS ALFRED,	Director of Public Works, Colombo, Ceylon.
	1894 Mar. 13.	C.M.G. .. ..	
	1885 Feb. 3.	COOPER, FREDERICK EASTMENT	11 Victoria Street, S.W.
	1895 Dec. 3.	COOPER, RICHARD EDWARD	L. B. & S. C. Ry., 328 Queen's Road, Battersea, S.W.
	1903 Apr. 21.	SYNGE .. ..	
†	{1870 May 3. 1876 Jan. 11.}	COOPER, ROBERT ELLIOTT- (Member of Council.) ..	8 The Sanctuary, S.W.
	1876 Mar. 7.	COPLAND, WILLIAM ROBERTSON	{146 West Regent St., Glasgow. (Copland, Glasgow. 358.)



Date of Election and of Transfer.		MEMBERS.	
✠	{1875 Jan. 12. 1880 Feb. 24.}	COPPERTHWAIT, HAROLD ..	Holgate Road, York.
t ✠	{1896 May 19. 1900 Feb. 27.}	COPPERTHWAIT, WILLIAM CHARLES .. .. .	Santa Marta, Beaconsfield Road, Westcombe Park, S.E.
	1881 Feb. 1.	{CORNISH, JOSIAH EASTON, C.M.G. .. .. .}	Water Co., Alexandria, Egypt.
W t ✠	1884 Dec. 2.	{CORTHELL, ELMER LAWRENCE, M.A., D.Sc. ( <i>Brown Univ., Providence, R.I., U.S.</i> ) ..}	1 Nassau Street, New York, U.S. (Tabanque, New York.)
	1883 Feb. 6.	*COSTE, JEAN LOUIS NAPOLEON	P.W.D., Ottawa, Canada.
	1899 Feb. 28.		
	1887 Apr. 5.	*COTTERELL, ALBERT PLAYER	28 Baldwin Street, Bristol.
	1903 Dec. 22.	ISAAC .. .. .	
	1881 May 31.	COTTON, CHARLES OSWELL ..	The Rowans, Abergavenny.
	1889 Dec. 3.	COTTON, FRANCIS MICHAEL ..	Harbour Office, Holyhead.
	1893 Feb. 7.	COTTON, WILLIAM FRANCIS, Jun.	{Alliance and Dublin Gas Co., D'Olier Street, Dublin.
	1874 Jan. 13.	COTTON, WILLIAM GORDON	5 Council House Street, Calcutta.
	1890 May 6.	LYNCH .. .. .	
✠	{1889 May 21. 1895 Mar. 26.}	*COTTRELL, STEPHEN BUTLER	{Overhead Railway, James Street, Liverpool.
	1890 Feb. 4.	*COUCHMAN, FRANCIS DUNDAS	King, King & Co., Bombay.
	1902 Feb. 11.		{Sulphide Corporation, 34 Queen Street, Melbourne, Victoria.
✠	1894 May 22.	COURTNEY, CHARLES FREDERICK	38 Croxted Road, Dulwich, S.E.
	1876 May 30.	*COURTNEY, FRANK STUART ..	
	1889 Nov. 26.		
✠	1888 Dec. 4.	COWAN, DAVID .. .. .	Clevedon, Cove, Dumbartonshire.
m m ✠	{1887 May 3. 1904 Mar. 29.}	*COWAN, EDWARD WOODROWE.	West Bank, Disley, Cheshire.
	1883 Mar. 6.	COWAN, McTAGGART .. ..	33 Drummond Place, Edinburgh.
m ✠	{1885 Feb. 3. 1892 May 3.}	*COWAN, PETER CHALMERS, B.Sc. ( <i>Edin.</i> ) .. .. .	33 Ailesbury Road, Dublin.
	1894 Dec. 4.	COX, ALEXANDER GEORGE ...	c.o. H.B.M. Consul, Tientsin, China.
	1904 Apr. 19.		
	1880 Dec. 7.	COX, JOHN HENRY .. .. .	City Surveyor, Bradford.
	1889 Dec. 3.		
	1883 May 29.	CRABTREE, WILLIAM HENRY	20 Thorne Road, Doncaster.
	1900 Dec. 18.	ROBINSON .. .. .	
	1880 May 4.	CRAIG, JOHN, M.A. ( <i>Dubl.</i> ) ..	East London, Cape Colony.
	1883 Nov. 6.		
t ✠	{1861 Apr. 9. 1879 Nov. 11.}	CRAWFORD, Professor ROBERT, M.A.I. ( <i>Dubl.</i> ) .. .. .	Stonewold, Ballyshannon, Ireland.
	1888 Dec. 4.	CRAWFORD, ROBERT .. ..	Harbour Engineer, Greenock, N.B.
	1893 Mar. 7.		
	1896 May 5.	CRAWFORD, WILLIAM .. ..	{Dept. Rys. and Canals, Ottawa, Canada.
	1877 Feb. 6.	CRAWFORD, JOHN BRUCE ..	72 Cambridge Street, Pimlico, S.W.
	1883 May 29.		
	1881 Mar. 1.	CREASY, LEONARD .. .. .	P.W.D., Kandy, Ceylon.
	1898 Mar. 22.		
	1879 Feb. 4.	CRESWELL, ROBERT EDWARD ..	Te Horo, Wellington, N.Z.
	1884 Dec. 23.		
	1888 Mar. 6.	CRIGHTON, CHARLES EDWIN ..	10 Albany Villas, Hove.
	1899 Dec. 5.	CROASDAILE, JOHN ERNEST, M.A., B.A.I. ( <i>Dubl.</i> ) ..	3 Shanganagh Terrace, Killiney, co. Dublin.
	1903 Dec. 22.		
	1882 Mar. 7.	CROES, JOHN JAMES ROBERTSON	68 Broad Street, New York, U.S.
	1889 Dec. 3.		
	1899 Nov. 28.	CROFTS, CHARLES JAMES ..	Harbour Dept., Port Natal.
T t ✠	1886 May 18.	{CROMPTON, ROOKES EVELYN BELL, C.B., Lt.-Col. Electrical Engs. R.E. ( <i>Vols.</i> ) ( <i>Member of Council.</i> ) .. ..}	Thriplands, Kensington Court, W.

Date of Election  
and of Transfer.

## MEMBERS.

	1879 Mar. 4.	*CROOK, HENRY TIPPING ..	9 Albert Square, Manchester.
	1897 Nov. 30.		
	1892 Feb. 2.	CROSLAND, JAMES FOYELL	67 King Street, Manchester.
	1894 May 22.	LOVELOCK .. .. .	
	1886 Feb. 2.	CROSS, WILLIAM .. .. .	{Simpson, Strickland & Co., Dart-
	1891 Jan. 13.		mouth.
	1868 Jan. 14.	CROSTHWAIT, THOMAS PHILIP	Shalimar, Mount Eden Rd., Donny-
	1887 Dec. 13.	SHERARD, B.A. (Dubl.) ..	
			brook, Dublin.
	1871 Feb. 7.	CROUCH, WILLIAM .. .. .	{53 Bothwell Street, Glasgow.
			(Crouch, Glasgow.)
	1868 Apr. 7.	CROUDACE, CHARLES HUTTON	c.o. H. S. King & Co., Pall Mall, S.W.
	1879 Jan. 7.		
	1893 May 2.	{CROWELL, FOSTER, M.C.E. (Polytechnic Coll. Penn.) ..	18 Broadway, New York, U.S. (Bu-
			dial, New York.)
	1878 May 7.	CROWTHER, GEORGE HENRY ..	Huddersfield.
	1893 Mar. 21.		
	1867 Feb. 5.	CROZIER, WILLIAM .. .. .	Weaponness Valley, Scarborough.
S t	✠ {1883 Feb. 6.	CRUTTWELL, GEORGE EDWARD	{21 Delahay Street, Westminster, S.W. (Cruttwell, London. West-
	✠ {1888 Mar. 13.	WILSON .. .. .	
			minster 24.)
t	✠ 1860 May 1.	CUDWORTH, WILLIAM .. .. .	Upperthorpe, Darlington.
✠	✠ {1883 Mar. 6.	CUDWORTH, WILLIAM JOHN	Eng.'s Office, N. E. Ry., York.
	✠ {1896 Jan. 7.	(Member of Council.) ..	
✠	✠ {1895 Feb. 5.	CULLEN, EDWARD ALEXANDER	{Harbours and Rivers Dept., Brisbane, Queensland.
	✠ {1902 Dec. 16.		
	1881 Dec. 6.	CULVERWELL, GEORGE	County Down Ry., Belfast.
	1899 Dec. 12.	PARNALL, B.A. (Dubl.) ..	
	1897 Jan. 12.	{CUNHA, ERNESTO ANTONIO LASSANCE .. .. .	General Lassance, 22 Rua José Boni-
✠	✠ 1878 Dec. 3.	{CUNINGHAM, GRANVILLE CAR-	Central London Ry., 125 High
		LYLE .. .. .	
	1868 Dec. 1.	CURREY, ELIOTT SCARLETT ..	Holborn, W.C.
	1873 Apr. 1.		Fachlwyd Hall, Cyffylliog, Ruthin.
m	✠ {1877 Dec. 4.	*CURRY, Professor MATTHEW ..	King's College, Strand, W.C.
	✠ {1886 Jan. 19.		
	1891 Apr. 7.	*CURRY, THOMAS ELMITT ..	18 Canning Road, Croydon.
	1883 Apr. 3.	CUTHBERT, EDWIN .. .. .	Drainage Board, Christchurch, N.Z.
	1888 Dec. 4.	D'AETH, JOHN .. .. .	P.W. Office, Kingston, Jamaica.
	1896 Apr. 21.		
	1876 May 2.	DAGLISH, GEORGE HEATON ..	{Rock Mount, Aigburth, Liverpool.
			(Daglish, Aigburth, Liverpool.
			2717.)
✠	✠ {1894 Jan. 9.	{DALBY, Professor WILLIAM ERNEST, M.A. (Cantab.),	Technical College, Finsbury, E.C.
	✠ {1898 Nov. 29.	B.Sc. (Lond.)	
T t m	✠ {1887 Dec. 6.	*DALRYMPLE - HAY, HARLEY	{Underground Electric Rys. Co., Hamilton House, Victoria Em-
	✠ {1899 Mar. 28.	HUGH .. .. .	
			bankment, E.C.
	1899 Dec. 5.	d'ALTON, PATRICK WALTER ..	{Dick, Kerr & Co., 110 Cannon Street, E.C.
	1881 May 31.	DANBY, WILLIAM .. .. .	Hong Kong.
	1871 Mar. 7.	DANGERFIELD, EDWARD .. ..	40 Central Hill, Upper Norwood, S.E.
	1897 Dec. 7.	DARBY, JOHN HENRY .. .. .	Brymbo Hall, near Wrexham.
✠	✠ {1873 Dec. 2.	DARLEY, CECIL WEST, I.S.O.	N.S.W. Government Office, 9 Vic-
	✠ {1879 Jan. 7.	(Member of Council.) .. ..	
	1883 Dec. 4.	DARTNALL, WILLIAM WHITNEY	Perth, Western Australia.
W t	✠ {1877 Feb. 6.	DAVEY, HENRY .. .. .	3 Princes Street, Westminster, S.W.
	✠ {1878 May 21.		

Date of Election  
and of Transfer.

## MEMBERS.

	1884 May 6.	DAVIDSON, JAMES YOUNG ..	{ Stowe Lodge, Elm Grove, Wimble-
	1876 Dec. 5. }	DAVIDSON, ROBERT .. ..	don, S.W.
	1885 Dec. 1. }		37 Surrey Street, Sheffield.
	1888 May 1. }	DAVIES, HARRY SEAGRAVE ..	{ Agency Engineer, Rajkot, Kathia-
	1899 Dec. 5. }		war, India.
	1884 May 6.	DAVIES, WILLIAM .. ..	The Celyn, Caergwrlle, Wrexham.
	1882 May 2. }	*DAVIS, ALFRED THOMAS ..	County Surveyor, Shrewsbury.
	1904 Mar. 29. }		
	1866 May 15.	DAVIS, HENRY WHEELER ..	5 Highbury Grove, N.
t ✕	{ 1889 Dec. 3. }	DAVIS, JOSEPH .. ..	Sewerage Dept., Sydney, N.S.W.
	{ 1891 Nov. 9. }		
✕	{ 1884 Mar. 4. }	*DAVISON, ROBERT COPE HARDY	{ 25 Victoria Street, S.W. (Groyne,
	{ 1895 Jan. 22. }		London. Westminster 5170.)
	1866 Dec. 4. }	DAWSON, GEORGE JAMES	{ North Staffs. Ry., Stoke-on-Trent.
	1872 Mar. 27. }	CROSBIE .. ..	
	1886 Jan. 12. }	*DAWSON, WILLIAM .. ..	L. & N. W. Ry., Crewe.
	1896 Feb. 25. }		
	1886 Mar. 2. }	DAWSON, WILLIAM .. ..	Town Hall, Leyton, E.
	1896 Feb. 25. }		
	1878 Feb. 5. }	*DAWSON, WILLIAM ALFRED ..	1 Victoria Street, S.W.
	1884 Jan. 8. }		
	1883 Mar. 6.	DAY, ARTHUR JAMES .. ..	Northam Iron Works, Southampton.
	1871 Jan. 10.	DAY, JAMES EDWARD .. ..	Violet Hill, Ballybrack, co. Dublin.
W St ✕	{ 1872 Dec. 3. }	{ DEACON, GEORGE FREDERICK	{ 16 Great George Street, S.W.
	{ 1874 Jan. 6. }	{ LL.D. (Glas.) (Member of	{ (Vyrnwy, London. Victoria 1486.)
		{ Council.) .. ..	
	1886 Dec. 7. }	DEACON, MAURICE .. ..	Whittington House, nr. Chesterfield.
	1892 Dec. 20. }		
	1877 Mar. 6. }	DEAN, WILLIAM .. ..	10 Terlingham Gardens, Folkestone.
	1878 Jan. 15. }		
✕	{ 1874 May 5. }	DEANE, HENRY, M.A. (Royal) ..	Ry. Dept., Sydney, N.S.W.
	{ 1886 May 11. }		
	1895 Dec. 3.	{ DEANE, HENRY HARGRAVE, }	{ B. B. & C. I. Ry., Bombay.
		{ B.A. (Dubl.) .. ..	
	1886 Apr. 6. }	DE BRATH, STANLEY .. ..	{ Preston House School, Bookham,
	1894 Feb. 20. }		Surrey.
t ✕	{ 1888 May 15. }	DE BURGH, ERNEST MACARTNEY	{ Greystones, co. Wicklow.
	{ 1894 Nov. 20. }		
	1868 Feb. 4.	DENHAM, CHARLES HENRY ..	Taljeriah, Craneswater, Southsea.
	1886 Dec. 7. }	*DENISON, ALBERT .. ..	Victoria, Hong Kong.
	1903 Jan. 13. }		
	1889 Mar. 5.	DENNISON, GAVIN HADDEN ..	The Firs, Meadowbank, Oamaru, N.Z.
	1900 Apr. 3.	DENNY, ARCHIBALD .. ..	Leven Ship-Yard, Dumbarton, N.B.
	1863 Apr. 14.	{ DENT, WILLIAM DENT, }	{ 5 Greenheys Road, Princes Park,
		{ M.A. (Cantab.) .. ..	Liverpool.
	1891 Dec. 1.	{ DENTON, EARDLEY BAILEY, }	{ 9 Bridge Street, Westminster, S.W.
		{ B.A. (Oxon.) .. ..	
t ✕	{ 1868 Feb. 4. }	DE RUSSETT, EDWIN WILLIAM	Warden House, Tynemouth.
	{ 1893 May 9. }		
T ✕	1902 Apr. 22.	DEUCHARS, GEORGE, F.C.H. ..	Thos. Cook & Son, Bombay.
	1888 Mar. 2. }	DEVERELL, THOMAS CLARK ..	Durban, Natal.
	1900 Apr. 3. }		
W t ✕	{ 1884 Mar. 4. }	*DEWRANCE, JOHN .. ..	Cranmore Place, Chislehurst.
	{ 1899 Nov. 28. }		
	1888 Apr. 10. }	DICK, FREDERICK JOHN .. ..	Office of Public Works, Dublin.
	1893 May 2. }		
	1877 Feb. 6. }	DICK, GAVIN GEMMELL .. ..	{ Queensland Office, 1 Victoria Street,
	1881 Nov. 15. }		S.W.
✕	{ 1889 May 7. }	DICKINSON, ALFRED .. ..	{ Telephone Buildings, Birmingham.
	{ 1903 Apr. 7. }		{ (Traction, Birmingham.)
	1860 Apr. 3.	DICKINSON, JAMES AUSTEN ..	{ 8 Crosthwaite Park, Kingstown, co.
			Dublin.



Date of Election and of Transfer.		MEMBERS.
1895 Mar. 5.	}	DICKSON, NORMAN BONNINGTON Leopoldina Ry., Rio de Janeiro.
1901 Dec. 11.		
1880 Apr. 6.		DILLON, JAMES .. .. . 36 Dawson Street, Dublin.
1892 Feb. 2.	}	DIXON, EDWARD KEVILLE, } County Surveyor, Castlebar, Mayo.
1894 Nov. 27.		M.E. ( <i>Royal</i> ) .. .. . }
1895 Mar. 5.		
1899 Nov. 28.		DIXON, EDWARD WILSON .. Waterworks Engineer, Harrogate.
1891 May 12.		DIXON, FREDERICK PARKER .. Town Hall, Rathmines, co. Dublin.
1878 Feb. 5.	}	DIXON, WAYNMAN .. .. . { Cleveland Dockyard, Middlesbrough.
1882 Nov. 27.		(Dixon, Middlesbrough.) }
T t ✕ { 1842 Mar. 1.	}	DOBSON, EDWARD .. .. . Hereford St., Christchurch, N.Z.
1881 Mar. 29.		
t ✕ { 1873 Feb. 4.	}	*DOBSON, JAMES MURRAY .. 33 Great George Street, S.W.
1880 Dec. 14.		
1891 Feb. 3.		DOBSON, SYDNEY THORNTON .. { St. James and Pall Mall Electric
1898 Mar. 15.		Light Co., Carnaby Street, W. }
1881 Apr. 5.	{	DODWELL, CHARLES EDWARDS } 46 Coburg Road, Halifax, Nova
1890 Feb. 18.		WILLOUGHBY, B.A. ( <i>King's</i> } Scotia.
		<i>Coll., Nova Scotia</i> ).. .. . }
1884 Dec. 2.		DOIG, SCROPE BERDMORE .. { Oughterard House, Oughterard, co.
		Galway. }
1889 May 7.	}	DOLBY, ERNEST RICHARD .. .. { 8 Princes Street, Westminster,
1901 Mar. 26.		S.W. }
1894 Dec. 4.	{	DOMINICO, GUILLERMO FREDERICO } Inspector General de Ferrocarriles
		JORGE .. .. . Casa de Gobierno, Buenos Aires.
t ✕ { 1882 Feb. 7.	}	DONALDSON, HAY FREDERICK .. Wood Lodge, Shooter's Hill, Kent.
1891 Apr. 7.		
1897 Dec. 7.	{	DORMAN, JOHN WILLIAM, } Kinsale, Ireland.
		M.A. ( <i>Dubl.</i> ) .. .. . }
1893 Feb. 7.		DORMAN, RICHARD HENRY .. County Surveyor, Armagh.
1887 Apr. 5.		
1903 Dec. 22.		DOUGALL, ANDREW, Jun. .. Gasworks, Tunbridge Wells.
T t ✕ { 1882 May 23.	}	*DOUGLASS, WILLIAM TREGAR- } 15 Victoria Street, S.W.
1887 Dec. 6.		THEN .. .. . }
W t ✕ { 1871 Mar. 7.	}	DOWSON, JOSEPH EMERSON .. { 39 Victoria Street, S.W. (Gaseous,
1884 May 13.		London.) }
1896 Feb. 4.		DREDGE, JAMES, C.M.G. ... 35 Bedford Street, Strand, W.C.
1854 May 2.		
1864 Nov. 29.		DREW, EDWARD ALEXANDER .. The Mount, Braughing, Herts.
T t ✕ 1881 May 31.		DRUMMOND, DUGALD .. .. L. & S. W. Ry., Nine Elms, S.W.
T t ✕ { 1875 Feb. 2.	}	DUCKHAM, FREDERIC ELIOT .. Millwall Docks, E.
1878 Apr. 9.		
1904 Apr. 12.		DUGDALE, WILLIAM HENRY .. Wear Dockyard, Sunderland.
1882 Feb. 7.	{	DUNCAN, Hon. GEORGE ALEX- } 8 Gloucester St., Boston, Mass., U.S.
		ANDER HALDANE .. .. . }
1887 Dec. 6.		DUNCAN, GEORGE SMITH .. P.O. Box 16, Melbourne, Victoria.
1885 Dec. 1.		DUNCAN, ROBERT .. .. . Whitefield Works, Govan, Glasgow.
1876 Mar. 7.		DUNCANSON, ALEXANDER .. Municipal Offices, Liverpool.
1884 May 27.		
1903 Feb. 10.		DUNCANSON, THOMAS .. .. Corporation Waterworks, Liverpool.
1883 Dec. 4.		DUNLOP, CHARLES BLACKBURN { The Nizam's State Ry., Secundera-
		bad, Deccan. }
1896 May 5.		DUNN, GEORGE OWEN WILLIAM Grindlay, Groom & Co., Bombay.
1879 May 6.		DUNSCOMBE, CLEMENT, { 92 Victoria Street, S.W.
1883 Jan. 23.		M.A. ( <i>Dubl.</i> ) .. .. . (Persuade, London.) }
1894 Mar. 6.		DUQUEMIN, JAMES .. .. Braemar, St. Peter Port, Guernsey.
S W t ✕ 1897 Apr. 6.	{	DURSTON, Sir ALBERT JOHN, } 4 Westcombe Park Road, Black-
		K.C.B., R.N. } heath, S.E.
1887 May 3.		
1897 Nov. 30.		DYACK, WILLIAM .. .. . Burgh Surveyor, Aberdeen.
1869 Jan. 12.		
1869 Dec. 7.		DYKE, THOMAS, B.A. ( <i>Oxon.</i> ).. { 13 Upper Belgrave Road, Clifton
		Bristol. }

Date of Election and of Transfer.	MEMBERS.
1866 Dec. 4. }	EACHUS, GEORGE EEDS ..
1871 Mar. 28. }	.. { 39 Old Queen St., Westminster, S.W.
1893 Apr. 11. }	.. { (Tottenham 72.)
1901 Dec. 17. }	EADY, GEORGE GRIFFIN .. 53 Victoria Street, S.W.
1896 Feb. 4. }	EARLE, HARDMAN ARTHUR .. { Knightsbridge Mansions, Brompton
1877 Apr. 10. }	.. { Road, S.W.
1902 Apr. 29. }	EATON, EDWARD MICHAEL .. 28 Victoria Street, S.W.
1883 Feb. 6. }	EAYRS, JOHN THOMAS .. { Clarence Chambers, Corporation
1893 Dec. 19. }	.. { Street, Birmingham. [W.
1854 Apr. 4. }	ECKERSLEY, WILLIAM .. 37 Palliser Road, West Kensington,
1899 Dec. 5. }	EDMUNDS, HENRY .. { 2 Queen Anne's Gate, Westminster,
1904 Jan. 12. }	.. { S.W.
1890 Mar. 4. }	EDWARDS, GUILFORD LINDSAY B. & N. W. Ry., Gorakhpore, India.
1902 Dec. 16. }	*EGERTON, CLAUDE FRANCIS } Blythburgh, Suffolk.
1889 Apr. 2. }	ARTHUR .. { 21 Old Queen Street, Westminster,
1904 Feb. 16. }	.. { S.W.
1884 May 27. }	{ ELGAR, FRANCIS, LL.D. (Glas.), 18 Cornwall Terrace, Regent's Park,
	{ F.R.S. (Member of Council.) } N.W.
St ✕ { 1872 Feb. 6. }	ELIOT, WHATELY .. 11 Alfred Street, Plymouth.
	{ 1878 Jan. 29. }
	1874 Dec. 1. } ELlice - CLARK, EDWARD
	1882 May 23. } BAUDOUIN .. { Gore Court, Otham, Maidstone.
W t ✕ { 1882 Dec. 5. }	ELLINGTON, EDWARD BAYZAND { 9 Bridge Street, Westminster, S.W.
	.. { (Hydrower, London.)
	1897 Dec. 7. } { ELLIOTT, Professor ARCHIBALD } University College, Cardiff.
	.. { CAMPBELL, D.Sc. (Edin.) }
	1872 Feb. 6. } ELLIOTT, Cavaliere JOHN .. 31 Via S. Spirito, Florence.
	1880 Mar. 2. } ELLIS, ATTWILL .. c.o. Capital & Counties Bank, Dawlish.
	1888 Dec. 4. } ELLIS, EDWARD .. G. N. Ry., Leeds.
	1896 Mar. 17. } ELLIS, HENRY DISNEY .. { Commissioner of Public Works,
	1902 Feb. 4. } .. { Kuching, Sarawak.
	1884 Jan. 8. } ELLIS, JOHN DEVONSHIRE .. Atlas Works, Sheffield.
	1887 Dec. 6. } *ELLIS, REGINALD EATON .. { Mewburn, Ellis & Pryor, 70 Chancery
	1896 Mar. 3. } .. { Lane, W.C. (Patent, London.
	1888 May 1. } ELLIS, WILLIAM HENRY .. { Holborn 243.)
	1904 Mar. 22. } .. Atlas Works, Sheffield.
	1866 Apr. 10. } ELLIS, WILLIAM IRLAM .. 49 Deansgate, Manchester.
	1884 Mar. 18. }
	1873 May 6. } ELWES, RICHARD GERVASE .. { Suffolk House, Laurence Pountney
	1878 Apr. 9. } .. { Hill, E.C.
	1873 Dec. 2. } *ELWIN, CHARLES .. { County Council, Spring Gardens,
	1893 May 9. } .. { S.W.
	1888 Dec. 4. } ELY, THEODORE NEWEL .. { Pennsylvania Railroad, Broad St.,
	1892 Feb. 2. } .. { Philadelphia, Pa., U.S.
	1900 Dec. 18. } *EMERSON, AMBROSE .. { Crown Point, Castle Bar Road,
	1876 May 2. } .. { Ealing, W.
	1883 Nov. 6. } EMMOTT, PHILIP RICKMAN .. Willow Brae, Parkstone, Poole.
T t ✕ { 1876 Mar. 7. }	ENDE, MAX AM .. 18 Abingdon Street, S.W.
	{ 1884 Jan. 22. }
	1881 Dec. 6. } ESCOTT, EDWARD RICE SWEET 16 Clifton Road, Halifax.
	✕ { 1890 May 6. }
	{ 1894 Dec. 18. }
	1874 Dec. 1. } ESSON, WILLIAM BEEDIE .. Victoria Works, Old Charlton, S.E.
	1895 Nov. 26. } ESTALL, GEORGE .. { Metropolitan District Ry. Works,
	1896 Mar. 3. } .. { West Brompton, S.W.
	1890 May 6. } ETLINGER, JOHN ERNEST .. Ewood, Hampton-on-Thames.
	1899 Jan. 10. } EVANS, CHARLES THOMAS .. The Towers, Lewes Rd., Eastbourne.
	1882 Mar. 7. } EVANS, DAVID .. Cleveland House, Grangetown, Yorks.
	1900 Mar. 6. } EVANS, MORTIMER .. Savile Club, Piccadilly, W.
	.. { Beach Mount, Waterloo, Lancashire.



Date of Election and of Transfer.		MEMBERS.			
1890 Dec. 2.		EVANS, WILLIAM	.. ..	Cyfarthfa Works, Merthyr Tydfil.	
1884 May 27.		EVENS, THOMAS	.. ..	3 Crescent Road, South Norwood, S.E.	
1870 May 3.		*EVERARD, JOHN BREEDON	..	6 Millstone Lane, Leicester.	
1886 Mar. 1.					
1886 Feb. 2.		EVERETT, JOHN EDWARD	..	Gyles Quay, Waterford.	
1903 Feb. 17.					
1841 Mar. 16.	✠				
1865 Dec. 5.		EVILL, WILLIAM	.. ..	43 Gloucester Gardens, W.	
1884 May 6.					
1882 Jan. 10.	t ✠	EWART, HENRY	.. ..	{ Bixley Cottage, Gore Park Road, Eastbourne.	
1891 Nov. 3.		EWING, JAMES ALFRED, M.A.	.. ..	Director of Naval Education to the	
1891 Mar. 3.	T t F ✠	( <i>Cantab.</i> ), LL.D. ( <i>Edin. and</i> <i>St. And.</i> ), F.R.S.	.. ..	Admiralty, Royal Naval College, Greenwich, S.E.	
1874 Dec. 1.		EYLES, GEORGE LANCELOT,		12 Dean's Yard, Westminster, S.W.	
1880 Nov. 9.		C.M.G.		(Gregory, London. Westminster 358).	
1879 May 27.	✠	FAHEY, CHARLES SWAINE	..	{ Newstead, Darley Road, Meads, Eastbourne.	
1880 Dec. 7.		FAHIE, WILLIAM JOSEPH	..	49 Ailesbury Road, Dublin.	
1880 Feb. 3.		*FAREWELL, CHARLES WILLIAM		J. R. Farewell, Governor's House,	
1897 Nov. 30.		FREKE .. ..		Cardiff.	
1887 Dec. 6.	✠	FARRAR, SIDNEY HOWARD	..	{ F. A. Robinson & Co., 54 Old Broad Street, E.C.	
1891 Jan. 27.					
1875 May 4.		*FAVELL, THOMAS MILNES	..	Fairwood, Pine Grove, Weybridge.	
1894 Nov. 27.					
1893 May 16.		*FAWCETT, EDMUND ALDERSON		Local Government Board, Whitehall,	
1904 Mar. 22.		SANDFORD .. ..		S.W.	
1888 May 1.	m m ✠	*FAWCUS, WILLIAM PAUL JAMES		{ 14 College Land, St. Mary's Street, Manchester.	
1896 May 5.					
1868 Apr. 7.		FENNER, HENRY ALGERNON		6 Eliot Hill, Lewisham, S.E.	
1877 Oct. 30.		SHRAPNEL .. ..		{ 1 Park Place, Leeds. (Fenwick, Engineer, Leeds.)	
1867 Feb. 5.		FENWICK, THOMAS .. ..		Wolfeigh, Bovey Tracey.	
1871 May 2.					
1884 Oct. 14.		FERGUSON, HENRY TANNER	..		
1892 May 3.		*FERGUSON, JOHN	.. ..	160 Hope Street, Glasgow.	
1902 Mar. 18.					
1880 Dec. 7.		FERGUSON, WILLIAM,		Harbour Board, Wellington, N.Z.	
1893 May 16.		M.A., B.A.I. ( <i>Dubl.</i> ) .. ..			
1884 Dec. 2.	✠	*FERGUSON, JOHN COLEMAN	..	75 New Street, Birmingham.	
1895 Nov. 26.					
1886 Jan. 12.		FERNAU, JOHN JAMES		59 Osborne Road, Newcastle-on-	
1900 Dec. 18.		CONSTANT .. ..		Tyne.	
1862 Dec. 2.	W t m ✠	FERNIE, JOHN .. ..		Hutchinson, Kansas, U.S.	
1869 Feb. 23.				{ Ingleside, Lyndhurst Road, Hamp- stead, N.W.	
1900 Feb. 6.		FERRANTI, SEBASTIAN ZIANA DE		St. Philip's Vicarage, Bethnal Green, E.	
1867 May 21.					
1877 Oct. 30.		FERRAR, WILLIAM GREY	..		
1903 Mar. 3.		{ FERRIER, ROBERT MUIR, B.Sc. ( <i>Glas.</i> ) .. ..		University College, Bristol.	
1879 Jan. 14.		FFORDE, JAMES .. ..		Raughlan, Lurgan, Ireland.	
1881 Mar. 1.		FIDDES, WALTER .. ..		{ 2 Queen's Avenue, Tyndall's Park, Clifton, Bristol.	
1896 Dec. 1.		FIDDES, WALTER WILLIAM	..	49 Cranbrook Rd., Redland, Bristol	
1893 Jan. 10.					
1903 Apr. 21.		FIDLER, HENRY .. ..		Admiralty, 47 Victoria Street, S.W.	
1880 Jan. 13.	t ✠	FIDLER, Prof. THOMAS CLAXTON		University College, Dundee.	
1891 Feb. 3.		FIELD, GEORGE ROBERT MOYLE		P.W.D., Jhelum, Punjab.	
1886 Feb. 2.		FIELDING, JOHN .. ..		Atlas Works, Gloucester.	
1885 Feb. 3.		FINCHAM, JAMES .. ..		{ Engineer-in-Chief, Hobart, Tas- mania.	

Date of Election and of Transfer.		MEMBERS.	
	1886 Apr. 6.	*FIRTH, CHARLES .. ..	Ferro Carril del Sud, Buenos Aires.
	1896 Mar. 3.		
	1875 Dec. 7.	FISHER, HENRY OAKDEN ..	Ty Mynydd, Radyr, Cardiff.
	1881 May 31.		
	1879 Dec. 2.	FITCH, BENNETT .. ..	7 Grange Road, Ealing, W.
	1884 Nov. 25.		
†	{1883 May 29.	*FITZGIBBON, GERALD .. ..	Aire and Calder Navigation, Leeds.
	{1898 Feb. 15.		
W t m	† {1887 Feb. 1.	*FITZMAURICE, MAURICE,	London County Council, Spring Gardens, S.W.
	{1893 Dec. 5.	C.M.G., M.A., M.A.I. (Dubl.)	
†	{1879 Feb. 4.	FLANNERY, Sir JAMES FOR-	9 Fenchurch Street, E.C.
	{1885 Mar. 3.	TESCUE, M.P. .. ..	
	1871 May 23.	{FLEMING, Sir SANDFORD,	Ottawa, Canada.
		K.C.M.G. .. ..	
†	{1875 Feb. 2.	*FLETCHER, JAMES RICHARD ..	{4 Rectory Terrace, Gosforth-on- Tyne.
	{1899 Jan. 17.		
	1894 Dec. 4.	FLETCHER, WALTER JOHN ..	County Surveyor, Wimborne.
	1904 Feb. 2.		
	1871 Dec. 5.	{FLOYD, WALTER COMBERMERE	13 Miles Road, Clifton, Bristol.
	1885 Nov. 10.	{LEE .. ..	
	1890 May 20.		
	1900 Jan. 30.	FOORD, HERBERT TAYNTON ..	5 Park Road, Winchester.
	1880 Dec. 7.	FOOT, GEORGE .. ..	Ferro Carril Mexicano, Mexico.
†	1867 May 7.	FOOTNER, HARRY .. ..	St. David's, Berkhamstead.
	1877 May 1.	FORBES, EDMUND BATTEN ..	F. C. Taltal, Taltal, Chile.
	1883 May 29.	FORBES, Professor GEORGE,	34 Great George Street, S.W.
	1889 Mar. 5.	M.A. (Cantab.), F.R.S. ..	
t	† {1889 Apr. 2.	FORD, JAMES THOMAS .. ..	C.M. Ry., Cartagena, U.S. Colombia.
	{1899 Mar. 28.		
	1895 May 21.		
	1901 Dec. 17.	FORGIE, JAMES .. ..	{N.Y. & L.I. Rld. Co., 20 West 34th Street, New York, U.S.
†	{1889 Jan. 8.	*FOWLER, ALEXANDER FAR-	3 Cook Street, Liverpool.
	{1900 Feb. 27.	QUHARSON .. ..	
	1869 Feb. 2.		
	1875 Jan. 26.	FOWLER, ALFRED MOUNTAIN ..	1 St. Peter's Square, Manchester.
	1873 Feb. 4.		
	1883 Dec. 11.	*FOWLER, ALPIN GRANT .. ..	1 Cambridge Road, Norbiton, S.W.
†	{1871 Feb. 7.	FOWLER, GEORGE .. ..	Basford Hall, near Nottingham.
	{1877 Dec. 18.		
	1882 Dec. 5.	*FOWLER, PERCIVAL .. ..	{Ellerslie, Kingston Lane, Ted- dington.
	1888 Nov. 27.		
	1887 Dec. 6.	FOWLER, THOMAS WALKER,	{Elaris, Carlyle Street, Hawthorn, Melbourne, Victoria.
	1902 Dec. 2.	M.C.E. (Melb.) .. ..	
†	{1885 Feb. 3.	FOWLER, WILLIAM HENRY ..	{Manor Avenue, Urmston, Man- chester. [Brighton.
	{1900 Feb. 20.		
	1869 Mar. 2.		
	1880 Nov. 2.	FOX, ARTHUR DOUGLAS .. ..	St. George's Lodge, Arlington Villas,
	1886 Feb. 2.		
	1900 Jan. 23.	*FOX, CHARLES HEYLAND ..	{Broad Street House, Old Broad Street, E.C.
t m	† {1866 Feb. 6.	{FOX, Sir DOUGLAS	28 Victoria Street, S.W. (Traction, London. Westminster 10.)
		(Past-President.) .. ..	
t	† {1860 Apr. 3.	FOX, DANIEL MAKINSON .. ..	9 Orme Court, Bayswater Hill, W.
T	† {1860 May 1.	FOX, FRANCIS .. ..	St. Martin's, Torquay.
S C t	† {1870 Dec. 6.		28 Victoria Street, S.W. (Traction, London. Westminster 10.)
	{1874 Mar. 17.	FOX, FRANCIS .. ..	
T t	† {1893 Dec. 5.	*FOX, FRANCIS DOUGLAS,	28 Victoria Street, S.W. (Traction, London. Westminster 10.)
	{1902 Mar. 25.	M.A. (Cantab.) .. ..	
	1882 Mar. 7.		
	1891 Mar. 24.	FOX, FREDERICK GEORGE BROOK	{Ringmore Veau, Kingsbridge, Devon.
†	1877 Dec. 4.	FOX, WILLIAM .. ..	5 Victoria Street, S.W.
	1877 Jan. 16.		
	1884 May 27.	*FOXLEE, WILLIAM THEODORE ..	53 Victoria Street, S.W.

	Date of Election and of Transfer.	MEMBERS.	
	1901 Feb. 5.	FRANCIS, GEORGE BLINN ..	{ Westinghouse, Church, Kerr & Co., 8 Bridge Street, New York, U.S.
	1884 Feb. 5.}	FRANCIS, HARRY .. ..	12 Lockyer Street, Plymouth.
	1901 Dec. 11.}		
✦	{ 1880 Jan. 13.	FRANCIS, JOSEPH .. ..	New River Office, Clerkenwell, E.C.
	{ 1883 Apr. 17.}		
	1889 Dec. 3.	FRANKLIN, FREDERICK AUGUSTUS	Buona Vista, Wollongong, N.S.W.
	1902 Dec. 2.	FRASER, HUGH BARRON .. ..	Ry. Dept., Gladstone, Queensland.
	1873 Dec. 2.}	FRASER, JAMES .. ..	{ 100 Castle Street, Inverness. (Fraser, Civil Engineer, Inverness.)
	1883 May 22.}		
	1895 May 21.}	FRASER, JAMES .. ..	{ Engineer-in-Chief for Existing Lines, Govt. Rys., Bridge Street, Sydney, N.S.W.
	1897 Apr. 6.}		
t ✦	1862 May 6.	FRASER, JAMES GRANT .. ..	{ 1 Great Chapel Street, Westminster, S.W.
	1875 Feb. 2.}	FRASER, PHILIP AFFLECK ..	Moniack, Beaulieu, N.B.
	1888 Nov. 20.}		
	1894 Jan. 9.	FRASER, SAMUEL GORDON ..	14 Westmoreland Street, Dublin.
✦	{ 1882 Dec. 5.}	FRECHEVILLE, ROBERT JAMES	{ 7 Lothbury, E.C. (Fratribus, London. Avenue 2456.)
	{ 1889 Jan. 15.}		
	1887 Apr. 5.	FREITAS, ANTONIO DE PAULA	{ Rua Marquez d'Abrantes 82, Rio de Janeiro.
	1893 Dec. 5.}	FRIEND, ASTLEY PASTON ..	Waterworks, Cairo.
	1902 Mar. 11.}		
✦	{ 1878 May 7.}	*FRIEND, CHARLES ARTHUR ..	San Vicente 17, Seville, Spain.
	{ 1892 Jan. 26.}		
	1882 Dec. 5.}	*FROST, HENRY FRANCIS BURNES	P.W.D., Ferozepore, Punjab.
	1900 Apr. 10.}		
	1884 May 27.	FROUDE, ROBERT EDMUND, F.R.S.	{ Admiralty Experiment Works, Gos- port. (Froude, Claremont, Alver- stoke.)
✦	{ 1864 Feb. 2.}	FULLER, GEORGE .. ..	71 Lexham Gardens, Kensington, W.
	{ 1878 Jan. 29.}		
	1858 Dec. 7.	FULLER, GEORGE LEEDHAM ..	{ Rosecourt, Theale, Weston-super- Mare.
	1864 Dec. 6.}	FULTON, JAMES EDWARD ..	27 The Terrace, Wellington, N.Z.
	1881 Dec. 6.}		
	1888 Nov. 20.}	*FYSON, ALFRED .. ..	1 Victoria Street, S.W.
m	{ 1875 May 4.}		
	{ 1884 May 27.}		
	1877 Feb. 6.}	GABBETT, EDMOND RICH ..	64 Vanbrugh Park, Blackheath, S.E.
	1891 Dec. 8.}		
	1872 May 7.}	GAEL, CHARLES EDWARD,}	Charlton Kings, Cheltenham.
	1878 May 14.}		
		B.A. ( <i>Cantab.</i> ) .. ..	
	1886 May 18.}	GAHAN, HENRY HERBERT ..	{ Agivey House, Culcrow, Ballymoney co. Antrim.
	1892 Apr. 26.}		
	1865 Mar. 7.	{ GALBRAITH, WILLIAM	20 Victoria Street, S.W. (West- minster 252.)
		ROBERT ( <i>Member of Council.</i> )	
	1884 Feb. 5.}	GALE, ROBERT MACNISH ..	{ Water Supply Dept., Ballan, Vic- toria.
	1896 Dec. 15.}		
	1893 Dec. 5.}	*GALE, WILLIAM MORRIS ..	{ 18 Huntly Gardens, Kelvinside Glasgow.
	1903 Jan. 27.}		
	1886 Jan. 12.	GALIZIA, EMMANUEL LEWIS ..	64 Strada Vescovo, Valetta, Malta.
✦	1886 Dec. 7.	GALWEY, WILLIAM, M.A.I. ( <i>Dubl.</i> )	Waterworks Co., Monte Video.
	1891 Mar. 3.	GAMBLE, FRANCIS CLARKE ..	P.W.D., Victoria, British Columbia.
	1883 Dec. 4.}	GANGA RAM, <i>Rai Bahadur.</i>	P.W.D., Lahore, India.
	1888 Nov. 20.}		
		C.I.E. .. ..	
	1875 Feb. 2.}	*GARDINER, JOSEPH JONES ..	Score, Ilfracombe.
	1896 Jan. 21.}		
✦	1891 Mar. 3.	GARFORTH, WILLIAM EDWARD	Snydale Hall, near Pontefract.



Date of Election  
and of Transfer.

## MEMBERS.

	1873 Dec. 2.}	*GARLAND, WALTER FAITHFULL	c.o. H.B.M. Consul, Batoum, Russia
	1887 Oct. 25.}	GARRETT, FRANK .. .. .	{Leiston Works, Suffolk. (Garrett, Leiston.) [Mon.
	1869 May 11.}		
	1880 Dec. 21.}		
	1872 Jan. 9.}	GARWOOD, ALFRED EDWARD..	Hazlewood, Stow Park, Newport,
	1878 Feb. 26.}		
	1895 Jan. 8.}	*GASK, PERCY TILLSON .. ..	Seaham Harbour, co. Durham.
	1904 Feb. 2.}		
	1883 Dec. 4.}	GASKELL, JAMES STRANACK ..	{Surrey Commercial Docks, Rother- hithe, S.E.
	1892 Feb. 9.}		
	1868 Dec. 1.}	GASKELL, THOMAS PENN ..	14 Victoria Street, S.W.
	1885 Dec. 15.}		
	1875 Mar. 2.}	{GASKIN, DONALD MACDONALD FORD .. .. .}	22 Lord Street, Liverpool.
	1881 Nov. 29.}		
	1882 May 2.}	GATHERER, ARTHUR BRANDER	Elmwood, Belvedere, Jersey.
	1879 May 6.}	GAUNTLETT, DEAN .. .. .	Hyderabad, Deccan, India.
	1885 Feb. 24.}		
	1899 Dec. 5.}	GAVEY, JOHN, C.B. .. .. .	{Engineer-in-Chief, General Post Office, E.C.
	1904 Apr. 12.}		
	1891 Dec. 1.}	GEE, WILLIAM .. .. .	{c.o. Alfred Kirkland, 90 Carleton Road, Tufnell Park, N.
	1873 Dec. 2.}		
	1876 Mar. 7.}	GEOGHEGAN, HENRY THOMAS	{Newport House, Donabate, co. Dublin.
	1879 May 27.}		
		GHEWY, ALBERT BROWN ..	{Benwell House, Woodchester, Stroud, Glos.
	1900 Dec. 4.}	GIBB, WILLIAM DOIG .. .. .	{Elmfield Road, Gosforth, Newcastle- on-Tyne. (Gas, Newcastle-on- Tyne.)
	1882 Jan. 10.}	GIBBONS, THOMAS HUGHES ..	G. W. Ry., Eng.'s Office, Plymouth.
	1904 Jan. 12.}	GIBBS, GEORGE .. .. .	10 Bridge Street, New York, U.S.
	1893 Jan. 10.}	*GIBSON, GEORGE LAMBERT ..	{G. W. Ry., Harbour Works, Good- wick, Penn.
	1903 Dec. 22.}		
	1892 Dec. 6.}	GILBERT, CHARLES FREDERIC	c.o. H.S. King & Co., Pall Mall, S.W.
	1891 May 5.}	*GILBERT, CHARLES HUMPHREY	{Inspector-General of Naval Con- struction, Valparaiso, Chile.
	1901 Feb. 12.}		
C ✱	{1893 Dec. 5.}	*GILBERT, WILLIAM .. .. .	47 Victoria Street, S.W.
	{1903 Dec. 22.}		
	1884 May 6.}	{GILCHRIST, PERCY CARLYLE, F.R.S. .. .. .}	Frognaal Bank, Finchley Rd., N.W.
	1881 Feb. 1.}		
	1888 May 8.}	GILES, GEORGE FREDERICK LEE	Harbour Engineer, Belfast.
	1886 Apr. 6.}	GILKES, GILBERT .. .. .	Lynnside, Kendal.
	1892 Dec. 6.}		
✱	1884 Jan. 8.}	GILLOTT, THOMAS .. .. .	{Butterley Ironworks, Derby. (But- terley, Alfreton.)
	1897 Apr. 6.}		
	1893 Apr. 5.}	GISBORNE, JOHN BYRON.. ..	Allestree, Station Road, Loughton.
	1898 Apr. 26.}		
	1876 Dec. 5.}	GLASS, JAMES GEORGE HENRY,}	38 Victoria Street, S.W.
	1881 Dec. 6.}		
	1884 Dec. 2.}	*GLEADOW, FREDERIC .. .. .	{Engineer's Office, G. W. Railway, Paddington, W.
	1900 Mar. 27.}		
	1896 Mar. 3.}	GLEIM, CHARLES OTTO .. .. .	{Dorotheenstrasse 184, Hamburg- Winterhude, Germany.
	1885 Apr. 14.}		
	1891 Apr. 28.}	GLOVER, EDWARD, M.A., B.A.I. (Dubl.) .. ..	{County Surveyor's Office, Naas, co. Kildare.
	1886 Jan. 12.}		
t ✱	{1900 Dec. 19.}	GLOVER, JAMES, M.A. (Cantab.)	Holly House, Lowton, Lanes.
	{1879 May 6.}		
	1895 Mar. 12.}	*GODFREY, WILLIAM BERNARD	23 St. Swithin's Lane, E.C.
t ✱	{1879 May 27.}	GOLDSMITH, ALFRED JOSEPH ..	{Lillington, Moray St., New Farm, Brisbane, Queensland.
	{1883 May 8.}		

Date of Election and of Transfer.		MEMBERS.		
1873 Feb. 4.}	GOLDSON, CHARLES BROWNE,	{	9 Bath Terrace, Tynemouth.	
1877 Dec. 11.}	M.A. ( <i>Cantab.</i> ) .. .. .		{	53 Victoria Street, S.W. (Gold-
1895 Feb. 5.}	GOLDWYER, JOHN EDWARD ..			wyer, London.)
1869 Dec. 7.}	GOLLA, LUCIEN ALEXANDER ..	{		
1879 Feb. 25.}				
1880 Dec. 7.}	*GOOCH, GEORGE .. .. .		27 Great George Street, S.W.	
1904 Apr. 19.}	GOOCH, WILLIAM FREDERICK		17 Church Road, St. Leonards-on-Sea	
1874 May 12.}	GOOD, CHARLES .. .. .	{	Goldsmith Road, Claremont, Western	
1879 Feb. 4.}				Australia.
1889 Apr. 30.}	*GOOD, GEORGE LACY .. ..		Govt. Rys., Cape Town, C.C.	
1888 Dec. 4.}	GOOD, RICHARD HENRY ..	{	Summerstown House, Cork.	
1903 Feb. 10.}				
1894 Dec. 4.}	GOOD, WILLIAM .. .. .	{	Lisnalee, Ballintemple, Cork.	
1900 Jan. 30.}				
✠ 1886 Feb. 2.}	GOODALL, JOHN .. .. .	{	Park Road, Auckland, N.Z.	
1883 Mar. 6.}				
M m ✠ { 1887 Dec. 6.}	*GOODMAN, Professor JOHN ..		Yorkshire College, Leeds.	
1900 Jan. 23.}	GOODWIN, GEORGE ABRAHAM		28 Victoria Street, S.W.	
1880 Jan. 13.}	GOODWIN, GILBERT SMITH ..	{	19 James Street, Liverpool. (Win-	
1893 Dec. 19.}				good, Liverpool.)
1892 Dec. 6.}	GOODWIN, SINGLETON,		County Surveyor, Tralee, co. Kerry.	
1878 Feb. 5.}	B.A.I. ( <i>Dubl.</i> ) .. .. .		Gt. S. & W. Ry., Inchicore, Dublin.	
1891 Jan. 27.}	GORDON, ALBERT, M.A.I. ( <i>Dubl.</i> )	{	Ellerslie, Toorak, Melbourne, Vic-	
1884 Feb. 5.}				toria.
T t ✠ { 1867 Dec. 3.}	GORDON, GEORGE .. .. .	{	Govt. Irrigation Engineer, Cape	
1886 Dec. 7.}	GORDON, WEBSTER BOYLE, C.I.E.			Town, C.C.
1901 Dec. 11.}	GORHAM, JOHN MARSHALL ..		121 Victoria Street, S.W.	
1898 Dec. 6.}	GOTT, CHARLES .. .. .	{	Bradford, Yorkshire.	
1863 Apr. 14.}				
1867 Apr. 30.}	GOTTO, FRANK .. .. .	{	228 Dashwood House, New Broad	
1884 Apr. 1.}				Street, E.C.
1890 Nov. 11.}	GOULD, ROBERT .. .. .		F. C. del Sud, Buenos Aires.	
1882 May 2.}	GOWER, CHARLES FOOTE ..	{	Nova Scotia House, Ipswich.	
1903 Dec. 22.}				
✠ { 1866 May 15.}	GRACIE, ALEXANDER .. ..	{	Fairfield Works, Govan, Glasgow.	
1877 Dec. 11.}				
1899 Mar. 7.}	*GRAHAM, CHARLES BENJAMIN		Lyston Hall, Long Melford, Suffolk.	
1873 Apr. 1.}	GRAHAM, JOHN .. .. .	{	G.I.P. Ry., Bombay.	
1882 Jan. 3.}				
1891 Dec. 1.}	*GRAHAM, MALCOLM .. ..	{	29 River Plate House, 13 South	
1897 Dec. 21.}				Place, E.C.
1874 Mar. 3.}	GRAHAM, ROBERT WILFRID ..		24 Brunswick Square, Brighton.	
1879 Nov. 25.}	GRAHAM, WILLIAM VAUX ..	{	5 Queen Anne's Gate, S.W. (Gral-	
1857 Feb. 3.}				lator, London. Westminster 656.)
1896 May 19.}	GRANGER, WILLIAM ..	{	L. & S. W. Ry., Exeter.	
1902 Jan. 14.}				
1875 Dec. 7.}	*GRANT-DALTON, ALAN .. ..	{	Govt. Rys., Engineer - in - Chief's	
1884 Mar. 25.}	Office, Cape Town, Cape Colony.			
1881 Feb. 1.}	*GRANT-DALTON, MALCOLM ..	{	Durham Lodge, Brockenhurst,	
1890 May 20.}	Hants.			
1874 Jan. 13.}	GRANTHAM, RICHARD FUGE ..		23 Northumberland Avenue, W.C.	
1886 Apr. 6.}	GRAY, ANDREW PATON .. ..	{	Govt. Rys., Colombo, Ceylon.	
1886 Jan. 12.}				
1904 Feb. 2.}	GRAY, GEORGE EDWARD ..	{	1115 Bush St., San Francisco, U.S.	
1878 Dec. 3.}				
1891 Mar. 3.}	GRAY, HENRY ALFRED .. ..	{	D.P.W., Confederation Life Build-	
1890 Mar. 4.}				ing, Toronto, Canada.
1888 Feb. 7.}	GRAY, ROBERT KAYE .. ..		106 Cannon Street, E.C.	
	GRAY, THOMAS .. .. .		Underhill, Port Talbot, S. Wales.	



Date of Election  
and of Transfer.

## MEMBERS.

	1891 Dec. 1.	GREEN, JAMES GEORGE .. ..	{ Banco Aleman del Pacifico, Iquique, Chili.
	1876 Mar. 7.	GREENBANK, HENRY .. ..	{ Langho, Wimborne Road, Bournemouth.
	1900 Dec. 4.	GREENHILL, HENRY HUNDSON	{ Box 172, Bloemfontein, Orange River Colony.
	1887 Mar. 1.	{ GREENWELL, GEORGE CLEMENT-SON .. ..	{ Poynton, Cheshire.
✠	1881 Dec. 6.	GREENWOOD, ARTHUR .. ..	{ Albion Works, Leeds. (Greenwood, Leeds.) [Transvaal.
	1904 Mar. 1.	GREENWOOD, HENRY SMITH ..	{ C. S. A. Railway, Johannesburg,
	1878 May 7.	*GREENWOOD, WILLIAM .. ..	{ Indwe-Maclear Ry., Indwe, Cape Colony.
	1904 Mar. 29.		
W t ✠	{ 1881 May 31.	{ GREENWOOD, WILLIAM HENRY.	{ Adderley Park Works, Birmingham. (Ammunition, Birmingham. 341.)
	{ 1886 Dec. 7.		{ Craven Ironworks, Manchester. (Brake, Manchester. 613.) [E.C.
	1885 Dec. 1.	GRESHAM, JAMES .. ..	{ 459 Salisbury House, London Wall,
✠	{ 1876 Dec. 5.	{ GRIBBLE, THEODORE GRAHAM	{ 15 Victoria Street, Westminster.
	{ 1902 Dec. 16.		
	1893 Jan. 10.	GRIERSON, THOMAS BENJAMIN	
	1895 Feb. 12.		
	1897 Jan. 12.	*GRIERSON, WILLIAM WYLIE ..	{ G. W. Ry., Engineer's Office, Paddington, W.
	1896 Apr. 14.	GRIFFIN, EUGENE .. ..	{ 44 Broad Street, New York, U.S.
	1894 May 1.		
	1900 Jan. 23.	GRIFFIN, THOMAS ROBERT ..	{ Liscrona, Kilkee, co. Clare.
	1875 Dec. 7.		
	1886 Nov. 2.	GRIFFITH, FREDERICK .. ..	{ Waterworks Office, Leicester.
m ✠	{ 1877 Dec. 4.	{ GRIFFITH, JOHN PURSER ..	{ Port and Docks Office, Dublin.
	{ 1883 May 29.		
✠	{ 1892 Jan. 12.	{ GRIFFITH, PERCY .. ..	{ 54 Parliament Street, S.W.
	{ 1901 Dec. 11.		
	1888 Feb. 7.		
	1897 Dec. 7.	GRIFFITHS, THOMAS .. ..	{ Water & Sewerage Dept., Pitt St., Sydney, N.S.W.
	1888 Dec. 4.		
	1893 Feb. 28.	GRIMSHAW, JAMES WALTER ..	{ Miss Grimshaw, 2 Pinewood Road, Branksome Park, Bournemouth.
	1897 Dec. 7.	GRIMSTON, GEORGE SYLVESTER	{ 4 Glenluce Road, Blackheath, S.E.
	1892 Dec. 6.	GRINLING, ARTHUR JAMES ..	{ 32 Friar Gate, Derby.
	1883 Mar. 6.	GROTHE, ALBERT .. ..	{ Apartado 21, Pachuca, Mexico.
	1889 Dec. 3.		
	1901 Mar. 26.	*GROVE, FRANK .. ..	{ G. W. Railway, Glenora, Tasmania.
	1875 Mar. 2.		
	1883 Jan. 9.	GROVES, HERBERT .. ..	{ 13 Langham Mansions, Earl's Court Square, S.W.
✠	{ 1884 Apr. 1.	{ GRÜNEWALD, JORGE RADE-MAKER .. ..	{ Rua de Leste, Rio de Janeiro.
✠	1883 Dec. 4.	GUPPY, THOMAS RICHARD ..	{ 75 Via Gennaro Serra, Naples.
	1892 Dec. 6.		
	1903 Feb. 10.	GUTHRIE, JAMES KENNETH ..	{ Preston Colliery, North Shields.
t ✠	{ 1890 Apr. 1.	{ GUTTMANN, OSCAR .. ..	{ 12 Mark Lane, E.C. (Grantable, London. Avenue 6309.)
	{ 1900 Jan. 30.		
	1856 Feb. 5.	GWYNNE, JAMES EGLINTON AN-DEPERSON .. ..	{ Folkington, Polegate, Sussex.
	1870 Apr. 26.		
	1870 Mar. 1.	GWYNNE, JOHN .. ..	{ 81 Cannon Street, E.C.
	1881 Dec. 6.	HACK, HENRY .. ..	{ Gasworks, Saltley, Birmingham.
	1893 Dec. 5.	{ HACKETT, EDWARD AUGUSTUS, M.E. (Royal) .. ..	{ Greenville, Clonmel, co. Tipperary.
TSH t ✠	{ 1887 Mar. 1.	{ HADFIELD, ROBERT ABBOTT ..	{ Parkhead House, Sheffield.
	{ 1896 Jan. 21.		
t ✠	1900 Mar. 6.	{ HAIGH, ARTHUR HARRY, B.Sc. (Victoria) .. ..	{ 95 Blenheim Crescent, W.

Date of Election and of Transfer.	MEMBERS.	
1881 May 3.	HAIRE, ROBERT .. .. .	{ Rosetta, South Circular Road, Kilmainham, Dublin.
✠ { 1879 Feb. 4. 1891 Dec. 15. }	HALES, WILLIAM PRIOR .. .. .	Ry., Launceston, Tasmania.
1879 Feb. 4. 1902 Apr. 29. }	HALL, JOSEPH .. .. .	{ Executive Engineer, Municipal Offices, Bombay.
✠ { 1858 Dec. 7. 1831 Feb. 22. }	HALL, WILLIAM .. .. .	{ 43 Antrim Mansions, Antrim St., Hampstead, N.W.
1885 Feb. 3. 1897 Mar. 29. }	HALL, WILLIAM SILVER .. .. .	{ 3 Mitsu Bishi Building, Yayasucho, Tokio, Japan. (Silverhall, Tokio.)
1880 Dec. 7. 1886 Dec. 7. }	HALLETT, HOLT SAMUEL .. .. .	7 Clifton Gardens, Folkestone.
1890 Feb. 4. }	HALLETT, JOHN HARRY .. .. .	Bute Docks, Cardiff.
1871 May 2. 1880 Feb. 27. }	HALPIN, DRUITT .. .. .	{ 17 Victoria Street, S.W. (Halpin, London. Westminster 75.)
1888 Mar. 6.	HAMILTON, ARCHIBALD .. .. .	Clyde Navigation, Glasgow.
✠ { 1877 Jan. 16. 1880 Dec. 14. }	HAMILTON - SMYTHE, ARTHUR } JAMES, B.A. ( <i>Dubl.</i> ) .. .. .	Whitehall, Club S.W.
1898 Dec. 6.	HAMMOND, ROBERT .. .. .	64 Victoria Street, S.W.
1875 Mar. 2. 1884 Jan. 2. }	HAMMOND, WALTER JOHN .. .. .	The Grange, Knockholt, Sevenoaks.
1885 Dec. 1. 1887 May 3. }	HANN, EDMUND MILLS .. .. .	Aberaman, Aberdare.
1897 Mar. 29. }	*HANNA, SAMUEL .. .. .	Carrick, Esher, Surrey.
✠ { 1877 May 29. 1885 Feb. 3. }	HANSON, CHARLES RASTRICK .. .. .	Kwala Lumpur, Selangor, S.S.
1887 May 24. 1891 Jan. 13. }	HARDING, JOHN REGINALD .. .. .	{ Engineer-in-Chief, Chinese Imperial Customs, Shanghai.
t m ✠ { 1872 Mar. 5. 1877 Apr. 17. }	*HARDING, JOSIAH .. .. .	Casilla 836, Valparaiso, Chile.
1903 Feb. 3.	HARDING, WILLIAM JOSHUA .. .. .	{ 42 Kempshott Road, Streatham Common, S.W.
1903 Jan. 13.	*HARDISTY, JOHN .. .. .	Bridge House, Chesterfield.
✠ { 1863 Apr. 14. 1879 Feb. 4. }	HARGRAVE, CHARLES TOWNS- HEND .. .. .	{ Inspector General of Roads, Adelaide, South Australia.
1885 Dec. 1.	{ HARGRAVE, HENRY JAMES } BENNET, M.A. ( <i>Dubl.</i> ) .. .. .	16 Shrewsbury Road, Merriem, co. Dublin.
1884 Dec. 2. 1896 Jan. 28. }	*HARGRAVE, HENRY WILLIAM .. .. .	{ Moir's Chambers, St. George's Terrace, Perth, Western Australia.
1886 Apr. 6. 1904 Mar. 29. }	*HARGRAVE, JOSHUA HARRISON, B.A. ( <i>Queen's</i> ) .. .. .	G.N. Ry., Amiens Street, Dublin.
1890 Dec. 2.	*HARRINGTON, HERBERT SEPTIMUS .. .. .	United Service Club, Simla.
1898 Dec. 6.	HARMAN, EDWARD ALFRED .. .. .	Gas Department, Huddersfield.
1881 May 31. 1888 Nov. 27. }	HARPUR, WILLIAM .. .. .	197 Severn Road, Cardiff.
1881 Apr. 5.	HARRINGTON, TIMOTHY .. .. .	73 Highbury New Park, N.
✠ { 1890 May 6. 1901 Apr. 2. }	HARRIOTT, GEORGE MOSS, C.I.E. .. .. .	Nagpur, C.P., India.
1874 Dec. 1. 1882 Feb. 28. }	HARRIS, EDMUND LEGH .. .. .	Odessa, Russia.
1848 Mar. 7. 1858 Jan. 26. }	HARRIS, GEORGE WILLIAM .. .. .	Millicent, South Australia.
1877 Dec. 4. 1886 Nov. 16. }	HARRIS, HENRY GRAHAM .. .. .	{ 5 Great George Street, S.W. (Well- bram, London. Westminster 60.)
1874 Apr. 14. 1879 May 27. }	HARRIS, RICHARD READER, K.C. .. .. .	51 Clapham Common North, S.W.
✠ { 1877 Apr. 10. 1875 Apr. 6. }	HARRISON, CHARLES AUGUSTUS .. .. .	N.E. Ry., Newcastle-on-Tyne.
1903 Jan. 20. 1892 Dec. 6. }	HARRISON, GEORGE DAY .. .. .	{ Staffs. Potteries Waterworks, Hanley.
1896 May 5. 1892 Jan. 12. }	HARRISON, JOHN ERNEST .. .. .	160 Hope Street, Glasgow.
1902 Dec. 16. }	*HARRISON, JOHN FREDERICK .. .. .	45 John Street, Glasgow.

Date of Election and of Transfer.		MEMBERS.	
T t L WSCm	✠ 1900 Feb. 6.	HARRISON, JOSEPH HUTCHINSON	2 Exchange Place, Middlesbrough.
	1870 May 3.	HART, JOHN HENRY EUSTACE	H. S. King & Co., 65 Cornhill, E.C.
	✠ {1856 Dec. 2.}	HARTLEY, Sir CHARLES,	26 Pall Mall, S.W.
	{1862 Apr. 1.}	K.C.M.G., F.R.S.E. ..	
	1874 Dec. 1.	.. ..	
	1882 Apr. 18.	HARVEY, WILLIAM .. ..	
	1904 Feb. 2.	HASBROUCK, CHARLES ALFRED	1315 Monadnock Block, Chicago, U.S.
	1866 Mar. 6.	HASSARD, RICHARD .. ..	1 Victoria Street, S.W.
	1884 Feb. 5.	*HASSELL, LLOYD .. ..	Ry. Dept., Brisbane, Queensland.
	1902 Feb. 11.	.. ..	
✠	1885 May 5.	HASWELL, CHARLES HAYNES ..	324 West 78th Street, New York, U.S.
	1895 Dec. 3.	HATCH, FREDERICK HENRY,	Box 1030, Johannesburg, Transvaal.
	1901 Feb. 5.	Ph.D. (Bonn) .. ..	
	1899 Dec. 5.	HATCH, WILLIAM THOMAS ..	Metropolitan Asylums Board, Em-
	1903 Dec. 22.	.. ..	bankment, E.C.
	1902 Dec. 2.	HAWDON, WILLIAM .. ..	Linthorpe, Middlesbrough.
✠	{1879 May 6.}	HAWGOOD, HARRY .. ..	{Bradbury Building, Los Angeles, Calif., U.S.
	{1889 Nov. 15.}	.. ..	
	1892 Apr. 5.	HAWKS, JAMES DUDLEY .. ..	Mackinac Ry., Detroit, Mich., U.S.
W m	✠ {1867 Feb. 5.}	HAWKSHAW, JOHN CLARKE,	33 Great George Street, S.W.
	{1874 Mar. 10.}	M.A. (Cantab.) (Past-Presi- dent. Member of Council.)	
	✠ 1867 May 21.	{HAWKSLEY, CHARLES (Past- President.) .. ..	30 Great George Street, S.W.
	1897 Apr. 6.	.. ..	
	1903 Jan. 13.	HAWKSLEY, KENNETH PHIPSON	30 Great George Street, S.W.
W t	✠ {1892 May 3.}	HAY, DAVID .. ..	{2 Queen Square Place, Westminster, S.W.
	{1895 Jan. 8.}	.. ..	
	1896 Feb. 4.	HAY, GEORGE .. ..	12 Mount Avenue, Ealing, W.
	1891 Dec. 1.	{HAY, PETER SETON, M.A. (New Zealand) .. ..}	P.W.D., Wellington, N.Z.
✠	{1881 Mar. 1.}	HAY, ROBERT .. ..	Dunedin, N.Z.
	{1885 Feb. 24.}	.. ..	
	1883 Apr. 3.	HAYES, EDWARD .. ..	Stony Stratford.
	1892 Nov. 8.	.. ..	
	1898 Dec. 6.	*HAYWARD, THOMAS .. ..	G.I.P. Ry., Engineer's Office, Bom-
	1904 Feb. 23.	.. ..	bay.
t	✠ {1894 Mar. 6.}	*HEAD, ARCHIBALD POTTER ..	{47 Victoria Street, S.W. (West- minster 237.)
	{1901 Dec. 11.}	.. ..	
	1894 Dec. 4.	HEAP, RAY DOUGLAS THEO-	Royal Arsenal, Woolwich.
	1903 Dec. 22.	DORE .. ..	
t	✠ 1884 Dec. 2.	HEARSON, THOMAS ALFRED, R.N.	{22 Southampton Buildings, Chancery Lane, W.C.
	1890 Feb. 4.	HEBBERT, FREDERICK BENBOW	Office of Consulting Engineer for Railways, 105 Clive St., Calcutta.
	1892 May 24.	HECTOR, MAXIMILIAN .. ..	{Friedberger Landstrasse 38, Frank- furt-am-Main.
	1898 Nov. 29.		
m	✠ {1864 Jan. 12.}	HEDERSTEDT, HENRY BURDETT	Twyford Lodge, Southlands Rd., Bickley.
	{1868 Dec. 18.}	.. ..	
t m	✠ {1876 Mar. 7.}	*HEDGES, KILLINGWORTH ..	{1 Emery Hill Street, Westminster, S.W. (Soojee, London.)
	{1884 Dec. 23.}	.. ..	
	1901 Apr. 2.	HEDRICK, IRA GRANT .. ..	{2216 East 8th Street, Kansas City, Missouri, U.S.
	1879 Dec. 2.	HEENAN, GEORGE FREDERIC	21 Clarinda Park East, Kingstown, co. Dublin.
	1886 Feb. 16.	HAMMERSLEY .. ..	
C	✠ {1872 Feb. 6.}	HEENAN, HAMMERSLEY .. ..	4 Chapel Walks, Manchester.
	{1876 Mar. 21.}	.. ..	
	✠ 1884 Feb. 5.	{HEENAN, ROBERT HENRY HAMMERSLEY .. ..	Harbour Works, Cape Town, C.C.
W t M	✠ {1880 Dec. 7.}	*HELE-SHAW, Professor HENRY	University, Liverpool.
	{1887 Apr. 5.}	SELBY, LL.D. (St. Andrews), F.R.S. .. ..	



Date of Election and of Transfer.	MEMBERS.	
1885 May 19.	*HELLINS, HENRY HERBERT ..	Engineer's Office, City Hall, Dublin.
1896 Dec. 22.		
1889 Dec. 3.		
1900 Mar. 27.	HELPS, JAMES WILLIAM .. ..	Gasworks, Croydon.
1878 Apr. 2.		
1894 Dec. 4.	*HEMANS, ARTHUR WILLOUGHBY	H. S. King & Co., Pall Mall, S.W.
1899 Dec. 12.		
m ✕ {	1866 Mar. 6.	HENDERSON, BRODIE HALDANE 14 South Place, Finsbury, E.C.
	1874 Nov. 24.	HENDERSON, DAVID MARR .. { Victory House, King's Road, Hove.
	1880 Dec. 7.	HENDERSON, JOHN BAILLIE .. Brisbane, Queensland.
1884 Nov. 4.	HENDERSON, ROBERT .. ..	14 Queen Street, Edinburgh.
1893 Dec. 5.		
1903 Apr. 7.		
1869 Jan. 12.	HENNELL, THOMAS .. ..	{ Parliament Mansions, Victoria Street, S.W.
1882 Mar. 21.		
1869 Dec. 7.	HENSLOWE, FRANCIS BOYLE ..	{ Lynden, Branksome Wood Road, Bournemouth.
1879 Feb. 4.		
✕ {	1889 May 7.	HENZELL, CHARLES GEORGE .. { Catcleugh, Otterburn, Northumberland.
	1899 Mar. 28.	
1877 Mar. 6.	HEPWORTH, JOSEPH .. ..	Buccleuch Street Works, Edinburgh.
1889 Nov. 26.		
1883 May 29.		
1886 Nov. 16.	HERING, RUDOLPH .. ..	170 Broadway, New York, U.S.
1875 May 4.		
1893 Jan. 10.		
1901 Apr. 23.	HERRING, JOHN WILLIAM ..	{ River Wear Commission, Sunderland.
1890 Dec. 2.	HERRING, WALTER RALPH ..	Granton House, Edinburgh.
1890 Dec. 2.		
1880 May 4.	HERSCHEL, CLEMENS .. ..	{ 2 Wall Street, New York, U.S.
1891 May 5.		
✕ {	1880 May 4.	*HERVEY, MATTHEW WILSON { East Bilney Hall, East Dereham, Norfolk.
	1891 May 5.	
1880 May 4.	*HESKETH, EVERARD .. ..	Dartford Ironworks, Kent.
1893 Nov. 14.		
1885 May 19.		
1896 Nov. 16.	HESLOP, THOMAS HIND BLUMER	County Surveyor, Norwich.
1886 Dec. 7.		
1876 Dec. 5.	HETHERINGTON, JOHN MUIR ..	19 Upper Grosvenor Street, W.
1881 Jan. 11.		
1883 May 1.	HEWSON, THOMAS .. ..	City Engineer, Leeds.
1892 Nov. 8.		
1874 Feb. 3.	HEYLAND, HERBERT KYFFIN	{ Loughrigg, Cavendish Road, Sutton, Surrey.
1876 Feb. 8.		
1887 May 24.	HICKSON, ROBERT ROWAN PUR-	{ President, Harbour Trust Com-
1902 Dec. 2.		
1880 Apr. 1.	DON .. ..	{ mission, Sydney, N.S.W.
1888 Dec. 4.		
✕ {	1887 May 24.	HIDE, WILLIAM SEYMOUR .. Amos & Smith, Albert Dock, Hull.
	1902 Dec. 2.	
1890 Apr. 1.	HIGGINS, ANDREW FRANK ..	{ Prospect House, Darjeeling, Bengal.
1888 Dec. 4.		
✕ {	HIGGINS, GEORGE .. ..	{ 60 Market Street, Melbourne, Victoria.
1882 May 23.	HIGHAM, Sir THOMAS, K.C.I.E.	{ 1 Codrington Place, Clifton Park, Bristol.
1901 Mar. 5.		
1878 Dec. 3.	HIGSON, CHARLES HUGH ..	{ 106 Eccles Old Road, Pendleton, Manchester.
1878 Dec. 3.		
1878 Dec. 3.	HIGSON, JACOB .. ..	{ 18 Booth Street, Manchester.
1887 Feb. 1.		
1891 Nov. 3.	HIGSON, JOHN .. ..	{ (Mining, Manchester. 1034.)
1891 Dec. 1.		
✕ {	1887 Feb. 1.	HILL, ARTHUR EDMUND BRE- } New Westminster, British Colum-
	1891 Nov. 3.	
✕ {	TON, B.A.Sc. (McGill) ..	bia.
	1891 Dec. 1.	
T t ✕ {	1884 Jan. 16.	HILL, ERNEST PRESCOT .. 3 Victoria Street, S.W.
	1872 Feb. 6.	
1897 Feb. 2.	{ HILL, GEORGE HENRY	{ 3 Victoria Street, S.W. (Thirlspot, London.)
1903 Mar. 31.		
1887 Dec. 6.	{ (Member of Council.) ..	{ Albert Chambers, Albert Square, Manchester.
1896 Feb. 4.		
1875 Dec. 7.	HILL, HARRY PRESCOT ..	{ South Staffs. Waterworks, Birming-
1890 Apr. 22.		
1887 Dec. 6.	HILL, HENRY ASHTON .. ..	{ ham.
1896 Feb. 4.		
1875 Dec. 7.	HILL, HENRY ELLIS .. ..	{ 9 Victoria Street, S.W.
1890 Apr. 22.		

Date of Election and of Transfer.		MEMBERS.	
†	1877 Dec. 4.	HILL, JAMES NINIAN .. ..	41 Chaucer Road, Acton, W.
	{ 1883 May 29.	HILL, LUKE MULLOCK,	{ Municipal Engineer, Georgetown,
	{ 1901 Feb. 12.	B.E. ( <i>Queen's</i> ) .. ..	{ Demerara.
	1896 Dec. 1.	HILLER, EDWARD GEORGE ..	{ Oakholme, Wilbraham Road, Alex- andra Park, Manchester.
	{ 1901 Feb. 19.		
T t †	1871 Mar. 10.	HILTON, JOHN EDWARD .. ..	The Chestnuts, Lambourn, Berks.
	{ 1883 Nov. 13.		
	1889 Jan. 8.	*HINNELL, HENRY LEONARD ..	26 Corporation Street, Manchester.
	{ 1896 Jan. 21.		
	1893 May 16.	HOARE, ARTHUR .. ..	8 Elphinstone Circle, Bombay.
	{ 1904 Jan. 26.		
	1879 Feb. 4.	HOARE, EDWARD ARTHUR ..	Lake St. John Ry., Quebec, Canada.
	{ 1895 Feb. 26.		
	{ 1883 May 1.	HOBSON, GEORGE ANDREW ..	{ 28 Victoria Street, S.W. (Traction, London. Westminster 10.)
	{ 1885 Dec. 15.		
	1886 May 4.	HOBSON, JOSEPH .. ..	Grand Trunk Ry., Montreal, Canada.
	{ 1891 May 5.	*HODGE, HENRY WILSON .. ..	1 Nassau Street, New York, U.S.
	{ 1899 Nov. 28.		
	1881 Dec. 6.	*HODGES, ROBERT NATHANIEL	{ c.o. Macnaughton & Co., 79 Mark Lane, E.C.
	{ 1891 Nov. 5.		
	1885 Feb. 3.	HODGSON, HARRISON .. ..	9 New Broad Street, E.C.
	{ 1893 Nov. 7.		
	1878 Feb. 5.	*HODGSON, WILLIAM .. ..	Eng.'s Office, Midland Ry., Derby.
	{ 1886 Mar. 23.		
	1879 Feb. 4.	*HODSON, CHARLES WILLIAM ..	Grindlay, Groom & Co., Bombay.
	{ 1891 Nov. 5.		
	1870 Mar. 1.	HODSON, GEORGE .. ..	{ Abbey Buildings, Princes St., West- minster, S.W. (Output, London.)
	{ 1886 Apr. 13.		
	1881 Dec. 6.	HOGAN, JOHN POICTEVIN LEMON	Grindlay, Groom & Co., Bombay.
	{ 1891 Feb. 17.		
	1886 Apr. 6.	HOGG, ALEXANDER LAUDER ..	43 Carlyle Road, Edgbaston.
T t †	1878 Feb. 5.	HOGG, CHARLES PULLAR ..	{ 53 Bothwell Street, Glasgow. (Crouch, Glasgow.)
	{ 1902 Jan. 14.		
	1903 Apr. 7.	HÖK, CHRISTOPHER WILHELM	10 Karlaplan, Stockholm.
	1882 Feb. 7.	HOLBROOK, ELLIOT .. ..	La Jolla, San Diego, California, U.S.
	{ 1887 May 24.		
	{ 1893 May 2.	HOLDEN, JAMES .. ..	{ G. E. Ry., Stratford, E. (Eastden, London.)
	{ 1898 Nov. 29.		
	1861 Apr. 9.	HOLGATE, THOMAS .. ..	5 Victoria Street, S.W.
	{ 1879 Jan. 7.		
	1880 Feb. 3.	HOLLINGSWORTH, CHARLES	{ 5 Ritherdon Road, Upper Tooting, S.W.
	{ 1896 Feb. 25.		
	1880 Mar. 2.	*HOLME, CHARLES HENRY ..	Rathburne, Duns, N.B.
	{ 1888 Mar. 6.		
	1884 Jan. 8.	*HOLMES, ARTHUR BROMLEY ..	36 Princes Avenue, Liverpool.
	{ 1897 Mar. 2.		
	1887 Feb. 1.	*HOLMES, JOHN HENRY .. ..	{ Wellburn, Jesmond, Newcastle-on- Tyne.
	{ 1897 Jan. 19.		
	1887 Feb. 1.	HOLMES, ROBERT WEST .. ..	P.W.D., Wellington, N.Z.
W t †	{ 1875 Feb. 2.	HOLT, ALFRED .. ..	{ 1 India Buildings, Liverpool. (Alfred Holt, Liverpool.)
	{ 1895 Jan. 8.		
	1901 Feb. 26.	*HOLT, FOLLETT .. ..	Entre Rios Ry., Parana, Argentina.
	{ 1875 Apr. 6.	HOLTHAM, EDMUND GREGORY	5 Round Hill Crescent, Brighton.
	{ 1879 Jan. 7.		
t †	1895 Jan. 8.	HOMFRAY, SAMUEL GEORGE ..	8 Great George Street, S.W.
	{ 1864 May 24.		
	1876 Apr. 25.	HOOD, WELLS .. ..	{ Ravenswood, Surrey Road, Bourne- mouth West.
	{ 1890 Feb. 4.		
	1903 Dec. 22.	*HOOPER, HERBERT ROSS,	34 Vanbrugh Park, Blackheath, S.E.
	{ 1892 Apr. 5.	M.A. ( <i>Oxon.</i> ) .. ..	
	{ 1900 Feb. 20.		
		HOPKINS, WALTER BERNARD ..	Clun House, Surrey Street, W.C.



Date of Election and of Transfer.		MEMBERS.	
t	✠ {1882 Dec. 5.}	HOPKINSON, CHARLES,	} 29 Princess Street, Manchester.
	✠ {1888 Jan. 24.}	B.Sc. ( <i>Victoria</i> ) .. ..	
T t S	✠ {1885 Jan. 13.}	HOPKINSON, EDWARD,	} Ferns, Alderley Edge, Cheshire.
	✠ {1890 Nov. 11.}	M.A. ( <i>Cantab.</i> ), D.Sc. ( <i>Lond.</i> )	
	1880 Jan. 13.}	HORAN, JOHN, M.E. ( <i>Royal</i> ) ..	{ 82 George Street, Limerick. (Roads Limerick. 142.)
	1890 Feb. 25.}		
	1889 Apr. 2.}	HORBURY, GEORGE FRANCIS ..	} Byculla Ironworks, Bombay.
	1897 Apr. 6.}		
	1878 May 28.}	HORSLEY, CHARLES .. ..	{ 22 Wharf Road, City Road, N. The Laurels, Romilly Road, Barry,
	1883 Jan. 30.}		
	1899 Mar. 7.}	HOSGOOD, JOHN HOWELL ..	{ Cardiff. 63 Pitt Street, Sydney, N.S.W.
	1883 Jan. 9.}	*HOUGHTON, THOMAS HARRY ..	
	1897 Nov. 30.}		{ P.W.D., Trial Bay, Macleay River, N.S.W.
	1886 Apr. 6.}	HOULSON, DAVID .. ..	
	1894 Apr. 17.}		} 151 Cannon Street, E.C.
	✠ {1881 Apr. 5.}	HOUSTON, JAMES LENNOX ..	
	✠ {1900 Jan. 30.}		{ 195 Scotland Street, Glasgow. (How- den, Glasgow. 1467.)
	1892 Apr. 5.}	HOWDEN, JAMES .. ..	
	✠ {1867 Feb. 5.}	HOWKINS, JOHN .. ..	{ Queensberry Lodge, Grenton Road, Edinburgh.
	✠ {1872 Dec. 3.}		
	1888 May 1.}	HOWSON, RICHARD .. ..	} 2 Exchange Place, Middlesbrough.
	1891 Dec. 1.}		
	1904 Feb. 16.}	HOY, HENRY ALBERT .. ..	} Springfield, Bromley Cross, Bolton.
	1897 Jan. 12.}	HOYLE, JAMES ROSSITER ..	
	1884 Feb. 5.}	HUDLESTON, FERDINAND ..	{ 25 Victoria Street, S.W. (West- minster 423.)
	1898 Mar. 22.}		
	1880 May 4.}	HUDSON, FRANK .. ..	{ Central Uruguay Railway, Monte Video.
	1888 Jan. 17.}		
	1879 Feb. 4.}	HUDSON, JOHN GEORGE ..	} Glenholme, Bromley Cross, Bolton.
	1887 Jan. 25.}		
	1881 Dec. 6.}	HUGHES, ARTHUR JOHN, C.I.F.	
	1904 Jan. 12.}	HUGHES, GEORGE .. ..	} Regent House, Lostock Park, Bolton.
	1879 May 6.}		
	1896 Dec. 22.}	HUGHES, JOHN ELLIS .. ..	} Reservoir Works, Marsden, Yorks.
	1881 May 31.}	HUGHES, JOHN SYLVESTER ..	
	1885 Jan. 13.}	HUGHES, WALTER CHARLETON, C.I.E.	} Chairman, Port Trust, Bombay.
	1879 Feb. 4.}	HUGHES, WILLIAM,	
	1888 Oct. 30.}	M.E. ( <i>Queen's</i> ) .. ..	{ 3 Hengist Road, Bournemouth.
	1885 May 5.}	*HUMBY, ALBERT JAMES ..	
	1897 Feb. 2.}		{ Government Railways, Maritzburg Natal.
	1881 May 31.}	HUMBY, HENRY GEORGE ..	
	1891 Dec. 8.}		} 39 Victoria Street, S.W.
	1895 May 21.}	HUMFRESS, GEORGE .. ..	
	1894 Dec. 4.}	*HUMPHREY, HERBERT ALFRED	} 38 Victoria Street, S.W.
T t	✠ {1903 Apr. 7.}		
	1895 Mar. 5.}	HUMPHREYS, ALEXANDER CROMBIE .. ..	{ 31 Nassau Street, New York, U.S (Humglas, New York.)
	1899 Mar. 7.}	*HUMPHREYS, GEORGE WILLIAM	
	1888 Apr. 10.}	HUMPHRYS, ROBERT HARRY ..	{ 40 Cheyne Court, Chelsea, S.W. Deptford Pier, S.E.
	✠ 1881 Mar. 1.}	HUNT, CHARLES .. ..	
	1901 Mar. 5.}	HUNT, ROBERT WOOLSTON ..	{ 15 Victoria Street, Westminster S.W.
	✠ {1890 Feb. 4.}	HUNTER, SIDNEY HERBERT ..	
	✠ {1899 Nov. 28.}		{ 202 Bow Road, E. (Venator, London Stratford 45.)
	1904 Apr. 12.}	HUNTER, THOMAS CHARLES ..	
	1865 May 2.}	HUNTER, WALTER .. ..	{ Admiralty, 21 Northumberland Avenue, W.C.
	1878 May 14.}		

Date of Election and of Transfer.		MEMBERS.	
✠	1891 May 5.	HUNTER, WILLIAM HENRY ..	{ Ship Canal, Eng.'s Office, Man- chester.
	1868 May 19.	HURST, WILLIAM .. ..	L. & N. W. Ry., Brinklow, Coventry.
	1897 Nov. 30.		
m ✠	{ 1879 May 27.	*HURTZIG, ARTHUR CAMERON ..	{ 2 Queen Square Place, S.W. (West- minster 33.)
	{ 1886 Mar. 16.		
	1867 Feb. 5.	HUTCHINS, GEORGE ALBERT ..	{ Clive House, Welshpool, North Wales.
	1873 Dec. 23.		
	1897 Jan. 12.	{ HUTCHINSON, CHRISTOPHER CLARKE .. .. .	{ 13 The Boltons, S. Kensington, S.W. (Kensington 980.)
	1888 Feb. 7.	HUTCHINSON, SYDNEY HUTTON	United Service Club, Calcutta.
	1903 Dec. 22.		
	1886 Jan. 12.	HUTCHINSON, WILLIAM,	{ Ry. Construction Dept., Sydney,
	1891 Nov. 9.	M.C.E. ( <i>Melbourne</i> ) .. ..	{ N.S.W.
	1892 Dec. 6.	HUTCHISON, DANIEL LEAN,	{ G.N. & City Ry., Poole Street, New North Road, N.
	1903 Feb. 24.		
	1862 Mar. 4.	HUTTON, DARNTON, M.A. ( <i>Dubl.</i> )	{ 14 Cumberland Terrace, Regent's Park, N.W.
	1902 Feb. 4.	IMPETT, JOHN JAMES .. ..	1 Calle Manco Capac, Callao, Peru.
	1897 Apr. 6.	INGHAM, WILLIAM PORRITT ..	Royal Exchange, Middlesbrough.
m ✠	{ 1876 Dec. 5.	*INGLIS, JAMES CHARLES	{ G. W. Ry., Paddington, W.
	{ 1884 Mar. 18.		
	1871 Jan. 10.	INGLIS, JOHN WILLIAM,	{ c.o. National Bank of New Zealand
	1877 Nov. 27.	F.R.S.E. .. .. .	{ Paeroa, Auckland, N.Z.
	1875 Feb. 2.	IRWIN, HENRY, C.I.E. .. ..	Ran View, Ootacamund, Madras.
	1879 Apr. 29.		
	1882 Jan. 10.	*ISHIGURO, ISOJI .. .. .	Admiralty, Tokio, Japan.
	1900 Apr. 10.	IVATT, HENRY ALFRED .. ..	G. N. Ry., Doncaster.
	1891 Dec. 1.		
	1900 Dec. 4.	IVENS, JOHN HENRY ANDERSON	P.W.D., Meerut, N.W.P., India.
	1876 May 2.	IZAT, ALEXANDER, C.I.E. ..	Springfield, Dollar, N.B.
	1881 Apr. 5.		
	1874 Apr. 14.	JACKSON, EDWARD .. .. .	Port Engineer, Karachi, India.
	1879 Dec. 23.		
	1882 Apr. 4.	JACKSON, SAMUEL, C.I.E. ..	23 Calverley Park, Tunbridge Wells.
	1881 Mar. 1.	{ JACOB, AUGUSTUS HAMILTON, M.A., M.A.I. ( <i>Dubl.</i> ) .. ..	{ Glenelg, Westbourne Park Road, Bournemouth.
	1902 Dec. 2.	JACOB, FRANCIS .. .. .	Ellesdene, Westcombe Park, S.E.
	1891 Dec. 1.	JACOB, LIONEL MONTAGUE ..	P.W.D., Rangoon, Burma.
	1885 Dec. 1.	JACOBS, CHARLES MATTHIAS	128 Broadway, New York, U.S.
✠	{ 1884 Dec. 2.	*JACOMB-HOOD, JOHN WYKEHAM	L. & S. W. Ry., Waterloo, S.E.
	{ 1891 Jan. 27.		
	1890 Apr. 1.	JAFFREY, WILLIAM .. .	3 Victoria St., S. W. (Kahort, London.)
	1887 Dec. 6.	JAMES, CHARLES CARKEET ..	Municipality, Bombay.
	1899 Jan. 24.		
	1879 May 6.	JAMES, HENRY ALEXANDER ..	38 Leigham Vale, Streatham, S.W.
	1887 Nov. 22.		
✠	1868 Dec. 1.	JAMES, JOHN WILLIAM .. ..	Dr. P. M. Wood, Ashfield, N.S.W.
	1894 Dec. 4.	JAMESON, ARTHUR SAMPSON ..	{ Netherleigh, South Nutfield, Surrey.
t ✠	{ 1878 Jan. 15.	JAMIESON, Professor ANDREW,	{ 16 Rosslyn Terrace, Kelvinside, Glasgow.
	{ 1887 Feb. 8.		
	1888 Dec. 4.	JAKUES, WILLIAM HENRY,	{ 483 Beacon Street, Boston, Mass.,
	1893 Mar. 7.	Captain U.S.N. <i>ret.</i> .. ..	{ U.S.

	Date of Election and of Transfer.	MEMBERS.	
	1882 Mar. 7.}	JARDINE, ALEXANDER WILLIAM	{G. V. Hellicar, Solicitor, Brisbane, Queensland.
	1884 Oct. 14.}		
	1872 Feb. 6. {	JEBB, GEORGE ROBERT	{Fairfield, Great Barr, Birmingham.
		(Member of Council.) .. ..	
	1893 Dec. 5.}	JELLETT, HENRY HOLMES,	{Seoni, Chappara, Central Provinces,
	1900 Jan. 30.}	B.A.I. (Dubl.) .. ..	{India.
TS t	{1892 Dec. 6.}	JENKIN, BERNARD MAXWELL ..	{17 Victoria Street, S.W. (Kinematic, London. Westminster 621.)
	1901 Feb. 19.}		
	1860 Apr. 3.}	JENKIN, SILVANUS WILLIAM ..	{Liskeard, Cornwall.
	1895 Dec. 3.}	JENNINGS, JAMES HENNEN ..	{1 London Wall Buildings, E.C.
	1884 Mar. 4.}	JENNINGS, WILLIAM TINDAL ..	{Molson's Bank Building, Toronto, Canada.
	1891 May 12.}		
	1893 Dec. 5.}	JERVIS, JAMES THOMAS .. ..	{28 Victoria Street, S.W.
+	{1885 Dec. 1.}	JOBSON, CHRISTOPHER .. ..	{Weld Club, Perth, Western Aus- tralia.
	1894 Mar. 6.}		
	1893 Dec. 5.}	JOHNS, JOHN HENRY .. ..	{Box 231, Johannesburg, Transvaal.
	1904 Apr. 19.}		
+	{1881 Mar. 1.}	*JOHNSON, FRANCIS ROBERT ..	{21 Langside St., Winnipeg, Canada.
	1894 Oct. 16.}		
	1887 Dec. 6.}	*JOHNSON, HENRY ARTHUR ..	{15 The Exchange, Bradford.
	1899 Feb. 28.}		
	1862 May 20.}	JOHNSON, RICHARD .. ..	{58 Coolhurst Road, Crouch End, N.
+	1867 Dec. 3.}	JOHNSON, SAMUEL WAITE ..	{Lenton House, The Park, Notting- ham.
	1898 Feb. 1.}	JOHNSON, TOM RICHARD ..	{G. N. Ry., Engineer's Dept., King's Cross, N.
	1885 Mar. 3.}	JOHNSON, WALTER CLAUDE ..	{32 Hyde Park Gardens, W. (Jona- dab, London. Paddington 1510.)
	1883 Feb. 6.}	JOHNSTON, ANDREW .. ..	{5 Westminster Palace Gardens, Victoria Street, S.W.
	1886 May 18.}		
	1900 Dec. 4.}	JOHNSTON, HENRY JOSEPH, C.I.E.	{P.W.D., Jhelum Canal, Rasul, Punjab.
	1888 Apr. 10.}	*JOHNSTON, JAMES .. ..	{Waterworks, Bond Street, Brighton.
	1898 Nov. 29.}		
+	1867 Mar. 5.}	JOHNSTON, ROBERT EDWARD ..	{Joint Railways Office, Birkenhead.
	1870 Mar. 1.}	JOLL, HENRY .. ..	{4 Osborne Place, Plymouth.
	1877 Nov. 27.}		
	1878 Feb. 5.}	JONES, ARTHUR DANIEL ..	{3 Border Crescent, Sydenham, S.E.
	1893 May 16.}		
	1875 Feb. 2.}	JONES, CHARLES .. ..	{The Lodge, Culmington Road, Ealing, W.
	1891 Nov. 3.}		
TWSt	{1869 May 27.}	JONES, HARRY EDWARD ..	{142 Palace Chambers, Bridge Street, Westminster, S.W.
	1875 Apr. 11.}		
	1891 Dec. 1.}	*JONES, HARRY HERBERT ..	{Hessle, Lytton Grove, Putney Hill, S.W.
	1902 Mar. 4.}		
	1876 Feb. 1.}	JONES, ISAAC MATTHEWS ..	{City Surveyor, Chester.
	1897 Dec. 7.}		
+	{1875 Feb. 2.}	JONES, JOHN ALFRED, F.R.S.E.	{Parry & Co., 70 Gracechurch Street, E.C.
	1881 Nov. 15.}		
	1886 Dec. 7.}	JONES, PEYTON .. ..	{The Hermitage, Mona Place, South Yarra, Melbourne, Victoria.
	1886 Jan. 12.}	JONES, ROBERT EDWARD ..	{P.W.D., Sydney, N.S.W.
	1893 Nov. 7.}		
	1899 Dec. 5.}	JONES, THOMAS .. ..	{1 Prince's St., Westminster, S.W.
	1886 Dec. 7.}	*JONES, WILLIAM HEMMING ..	{Dockyard, Liverpool.
	1903 Dec. 22.}		
	1892 Dec. 6.}	JOYCE, ALFRED .. ..	{18 Reighton Road, Clapton, N.
+	{1885 Dec. 1.}	JOYCE, FREDERICK TALBOT ..	{29 Waterloo Place, Dublin.
	1892 Jan. 26.}		
	1887 Dec. 6.}	JOYNER, ROBERT BATSON, C.I.E.	{Lake View, Pittville, Cheltenham.
			{Deputy State Engineer of New York, Albany, N.Y., U.S.
	1891 Mar. 3.}	JUDSON, WILLIAM PIERSON ..	



Date of Election and of Transfer.		MEMBERS.	
T t	✠ { 1885 Jan. 13. 1891 Jan. 13. }	KAPP, GISBERT .. ..	Ulmenallee 26, Westend, Berlin.
	✠ { 1873 Dec. 2. 1878 Dec. 3. }	KEATING, EDWARD HENRY ..	Toronto Ry., Toronto, Ont., Canada.
	1884 Jan. 8. 1887 Oct. 25. }	KEATING, HENRY, M.A. ( <i>Dubl.</i> )	Tralee, Ireland.
	1885 Dec. 1.	KEEFER, GEORGE ALEXANDER	{ D.P.W., New Westminster, British Columbia.
	1877 Dec. 4.	{ KEEFER, THOMAS COLTRIN, C.M.G. ( <i>Member of Council.</i> ) }	D.P.W., Ottawa, Canada.
	✠ { 1883 Dec. 4. 1888 Dec. 18. }	KEELE, THOMAS WILLIAM ..	{ Harbours & Rivers Branch, P.W.D., Sydney, N.S.W.
	✠ { 1873 May 20. 1883 May 1. }	KEELING, GEORGE WILLIAM ..	10 Lansdown Terrace, Cheltenham.
	1894 Feb. 20. }	*KEENE, PERCY EDWARD ..	Midland Ry., Bhilsa, India.
	1902 Jan. 14.	KELLEY, HOWARD GEORGE ..	{ 1,124 Guaranty Building, Minneapolis, Minn., U.S.A.
	✠ { 1890 Dec. 2. 1878 Jan. 15. }	KELLY, WILLIAM REDFERN ..	Dalriada, Malone Park, Belfast.
	1904 Feb. 16. }	*KEMPE, HARRY ROBERT ..	{ Engineer-in-Chief's Office, General Post Office, E.C.
T t F	✠ { 1879 May 27.	{ KENNEDY, ALEXANDER BLACKIE WILLIAM, LL.D. ( <i>Glas.</i> ), F.R.S. ( <i>Vice-</i> <i>President.</i> ) .. .. . }	17 Victoria Street, S.W. (Kinematic, London. Westminster 621.)
	1875 Dec. 7.	KENNEDY, JOHN .. ..	Montreal, Canada.
t	✠ { 1880 Dec. 7. 1884 May 13. }	KENNEDY, NEIL .. ..	{ Norfolk House, Laurence Pountney Hill, E.C.
	✠ { 1892 Apr. 5. 1896 Nov. 24. }	KENSINGTON, FREDERICK ..	2 Copthall Buildings, E.C.
	1890 Dec. 2. 1902 Dec. 16. }	*KER, HUGH TORRANCE ..	Harbour Works, Folkestone.
	✠ { 1895 Feb. 5.	KERNOT, MAURICE EDWIN ..	Ry. Dept., Melbourne, Victoria
	1901 Feb. 5.	{ KERNOT, Professor WILLIAM CHARLES, M.A., M.C.E. ( <i>Melb.</i> ) }	University, Melbourne, Victoria.
	1889 Dec. 3. 1902 Dec. 2. }	KIDD, HECTOR .. ..	{ Colonial Sugar Refining Co., Sydney, N.S.W.
m	✠ { 1887 May 24. 1900 Mar. 6. }	*KIDD, WILLIAM .. ..	{ c.o. Punchard & Co., 151 Cannon Street, E.C.
	1871 May 2. 1877 Nov. 27. }	KIERZKOWSKI-STEUART, CHARLES FERDINAND DE .. ..	{ 7 Collingham Road, Cromwell Road, S.W.
	1863 Dec. 1. 1877 Nov. 27. }	KILGOUR, GEORGE .. ..	Box 813, Cape Town, C.C.
	1859 Dec. 6. 1875 Nov. 9. }	KIMBER, JAMES .. ..	{ 13 Lymington Rd., West End Lane, West Hampstead, N.W.
	1870 Apr. 5. 1879 Mar. 25. }	KINCAID, JOSEPH, M.A. ( <i>Dubl.</i> )	{ 29 Great George Street, S.W. (Kincaid, London. Westminster 11.)
t	✠ { 1878 Feb. 5. 1889 Dec. 10. }	KINDER, CLAUDE WILLIAM, C.M.G.	c.o. H.B.M. Consul, Tientsin, China.
	1889 Apr. 2.	KING, MAURICE .. ..	
	1874 May 5.	KING, WILLIAM .. ..	Gas Office, Duke Street, Liverpool.
	1873 Mar. 4. 1889 Nov. 15. }	*KING, WILLIAM HENRY ..	{ St. Heliers, Sydney Road, Walton-on-Thames.
	1886 Jan. 12. 1902 Mar. 11. }	KINGSTON, WILLIAM, B.E. ( <i>Queen's</i> ) .. ..	{ R.E. Office, Tidworth, Andover.
	1883 May 29.	KINSEY, WILLIAM BARNES ..	Dundee, North Shepstone, Natal.
	1892 Mar. 1.	KIRBY, CHARLES ANTHONY ..	G. N. Ry., Boston. [Gate, W.
	1875 May 4.	KIRBY, FREDERICK HALL ..	19 Devonshire Terrace, Lancaster
	1903 Apr. 7.	{ KIRKBY, SAMUEL ALEXANDER, M.A. ( <i>Cantab.</i> ) .. .. }	Carrigmore, Queenstown.
T t	✠ { 1865 May 23. 1892 Mar. 1. }	KIRKHAM, THOMAS NESHAM ..	C. R. Wade-Gerey, St. Neots, Hunts.
	1896 May 12. }	KIRKLAND, THOMAS .. ..	{ 17 Victoria Street, S.W. (Westminster 5255.)

Date of Election and of Transfer.		MEMBERS.	
1875 Mar. 2.	KIRTLEY, WILLIAM .. ..	31 Larkhall Rise, Clapham, S.W.	
1888 Mar. 6.}	*KITCHINGMAN, DAWSON ..	Waterworks, Cray, Brecon.	
1901 Dec. 11.}			
1903 Jan. 13.	KITE, FREDERICK WILLIAM ..	{ Friedensthal, Gloucester Road, Kingston Hill.	
1876 Dec. 5.	{ KITSON, Sir JAMES, Bart.. M.P. .. .. .	Monk Bridge Ironworks, Leeds. (73.)	
1866 Mar. 6.}	KNOWLES, GEORGE .. ..	Billiter Square Buildings, E.C.	
1877 June 26.}			
✠ 1879 Dec. 2.	KRAFT, JOHN .. ..	Société Cockerill, Seraing, Belgium.	
1894 Feb. 6.	KRAMER, ARNOLD .. ..	{ Parliament Mansions, Victoria Street, S.W.	
✠ 1880 Apr. 6.	{ KÜHL, CHARLES HENRY LEOPOLD, C.M.G. .. ..	European Commission of the Danube, Sulina.	
1898 Dec. 6.}	KUSSMAUL, CHRISTIAN .. ..	Board of Works, 501 Collins Street, Melbourne, Victoria.	
1903 Feb. 24.}			
✠ 1873 May 6.}	KYLE, JOHN .. ..	New Harbour Works, Dover.	
✠ 1876 Apr. 25.}			
1887 Mar. 1.}	*KYLE, JOHN, JUN. .. ..	Harbour Works, Colombo, Ceylon.	
1894 Nov. 6.}			
1893 Dec. 5.}	LACEY, ERNEST MATTHEW ..	2 Queen Anne's Gate, S.W.	
1899 Apr. 18.}			
1885 May 19.}	LACEY, FREDERICK WILLIAM ..	Borough Engineer, Bournemouth.	
1897 Feb. 16.}			
1885 Dec. 1.}	LAPPAN, GEORGE BASTABLE, ..	{ Borough Engineer, Maritzburg. Natal.	
1900 Apr. 3.}	B.E. (Queen's) .. ..		
1894 Mar. 6.	LAING, ANDREW .. ..	Wallsend Slipway, Wallsend-on-Tyne.	
1893 Dec. 5.}	LAING-MEASON, GILBERT ..	{ South Canterbury Club, Timaru, New Zealand.	
1903 Dec. 22.}			
1886 Mar. 2.}	*LAKE, HARRY HERBERT ..	P.W.D., Gwalior, Central India.	
1902 Apr. 22.}			
1885 Dec. 1.}	LANE, ALEXANDER MAURICE ..	Belize, British Honduras.	
1896 Oct. 22.}			
1876 May 30.}	LANGDON, WILLIAM .. ..	Tower Hill, Looe, Cornwall.	
1883 Nov. 3.}			
1881 May 31.}	LAPAGE, RICHARD HERBERT ..	{ Sheen House, Walmer. (Lapage, Walmer.)	
1885 Nov. 24.}			
1874 Feb. 3.}	*LARGE, PHILIP TOWNSEND ..	Carnaeway Rectory, Kilcullen, co. Kildare.	
1885 Nov. 10.}	SOMEVILLE .. ..		
1878 Mar. 5.}	LARMINIE, JOHN CHARLES ..	Rahan, Bray, co. Wicklow.	
1894 May 22.}			
1877 May 1.}	LATHAM, ALBERT .. ..	Town Hall, Margate.	
1882 Apr. 4.}			
1865 May 2.}	LATHAM, BALDWIN .. ..	{ Parliament Mansions, Victoria Street, S.W.	
1868 May 19.}			
T ✠ 1859 Dec. 6.}	LATHAM, JOHN HERBERT, ..	Ngaruawahia, Auckland, N.Z.	
✠ 1866 Dec. 17.}	M.A. (Cantab.) .. ..		
1902 Feb. 4.}	{ LA TOUCHE, JAMES NORMAN DIGUES .. .. .	Berhampur, Moorshedabad, Bengal.	
1884 May 6.	LAURENCE, WILLIAM KNOX ..	G.W. Ry., Bristol.	
1888 Apr. 10.}	*LAW, HERBERT HENRY .. ..	21 Pembroke Road, Kensington, W.	
1899 Feb. 21.}			
1878 May 7.}	LAWDER, ARTHUR WILLIAM ..	{ 17 Farquhar Road, Upper Norwood, S.E.	
1880 Feb. 24.}			
1880 Dec. 7.}	LAWDER, JAMES ORMSBY ..	{ Lawderdale, Ballinamore, co. Leitrim.	
1884 Dec. 16.}			
C ✠ 1886 Jan. 12.}	LAWFORD, GEORGE MAXWELL ..	9 Bridge Street, Westminster, S.W.	
1899 Jan. 10.}			



Date of Election and of Transfer.		MEMBERS.	
t	✠	{1870 Mar. 1.}	LAW, WILLIAM GEORGE .. 40 Grey Street, Newcastle-on-Tyne.
		{1877 May 29.}	
		1901 Feb. 5.	LAWSON, ALLAN JOHN .. 4 Adelphi Terrace, W.C.
		1868 Mar. 3.	LAYBOURNE, RICHARD .. The Firs, Malpas, Newport, Mon.
		1893 May 2.	LEA, HENRY .. 38 Bennett's Hill, Birmingham.
		1885 Feb. 3.	
		1892 Feb. 16.	LEAN, JOEL .. Priddock House, Bamford, Sheffield.
		1886 Dec. 7.	LEAVITT, ERASMUS DARWIN .. Cambridgeport, Mass., U.S.
		1879 Feb. 4.	
		1885 Feb. 3.	LEE, JOSEPH JOHN .. {L. & N. W. Ry., Engineer's Office, 126 Higher Ardwick, Manchester.
	✠	{1888 Feb. 7.}	*LEES, ARTHUR EDWIN} F. A. Robinson & Co., 54 Old
		{1903 Apr. 21.}	TREVILLION .. Broad Street, E.C.
m		{1886 Dec. 7.}	*LEGG, WILLIAM ANDREW .. {Thomas Stewart, 6 St. George's Chambers, Cape Town, C.C.
		{1896 Nov. 24.}	
		1872 Dec. 3.	
		1879 May 27.	LEGGATT, WILLIAM BENJAMIN 27 Ladbroke Grove, W.
		1879 Feb. 4.	
		1889 Feb. 5.	LEIGH, ROBERT KENNAWAY .. Hong Kong.
		1898 Dec. 6.	LEITCH, DONALD CALDER .. {Municipal Engineer, Johannesburg, Transvaal.
	✠	1883 Jan. 9.	LE MESURIER, WILLIAM HENRY 36 Slatey Road, Birkenhead.
		1865 May 23.	
		1877 Jan. 30.	LEMON, JAMES .. Lansdowne House, Southampton.
		1896 Apr. 14.	LE QUESNE, WILLIAM HENRY {c.o. Grindlay & Co., Parliament St., S.W.
		1904 Jan. 12.	LE ROSSIGNOL, ALFRED ERNEST {8 Victoria Square, Newcastle-upon- Tyne.
T t	WS	✠	{1872 Jan. 9.
			LESLIE, Sir BRADFORD, K.C.I.E. 8 Sussex Place, Regent's Park, N.W.
		1891 Dec. 1.	
		1898 Feb. 15.	LESLIE, BRADFORD .. 7 The Sanctuary, Westminster, S.W.
		1890 Dec. 2.	LESLIE, MORICE .. {c.o. Grindlay & Co., Parliament Street, S.W.
		1891 Mar. 3.	
		1901 Dec. 11.	LESLIE, ROBERT FLETCHER .. East Indian Ry., Allahabad, India.
		1885 Feb. 3.	LEWIS, GEORGE .. {Imperial Chambers, Albert Street, Derby.
		1891 Jan. 13.	
		1900 Dec. 18.	*LEWIS, SIDNEY COOKE .. {Mansergh & Sons, 5 Victoria Street, S.W.
		1879 May 6.	
		1895 Jan. 22.	*LEWIS, WILLIAM CUTHBERT {Millwood House, Wrotham Heath, Sevenoaks.
		1865 Mar. 7.	LEWIS, Sir WILLIAM THOMAS, {The Mardy, Aberdare.
		1869 Jan. 19.	Bart. ..
	✠	{1892 Dec. 6.}	*LIDDLE, WILLIAM .. {Hudbarrow Sea Wall, Millom, Cum- berland.
		{1898 Mar. 15.}	
		1885 Dec. 1.	
		1902 Mar. 4.	*LIGHT, ERNEST EDWARD .. Ry. Dept., Perth, Western Australia.
m	✠	1881 Dec. 6.	LIGHTFOOT, THOMAS BELL .. {35 Queen Victoria Street, E.C. (Separator, London.)
		1890 Feb. 4.	LINDENTHAL, GUSTAV .. 45 Cedar Street, New York, U.S.
		1891 Mar. 3.	LINDLEY, JOSEPH .. Aleja Ujazdowska 17, Warsaw.
		1881 Feb. 1.	LINDLEY, ROBERT SEARLES .. Godstone Place, Godstone, Surrey.
		1878 May 28.	LINDLEY, WILLIAM HEERLEIN Frankfurt-am-Main.
		1880 Dec. 7.	
		1887 Feb. 22.	LINDSAY, CHARLES COXHEAD .. {180 Hope Street, Glasgow. (Civileng, Glasgow.)
		1897 Dec. 7.	LINEHAM, WILFRID JAMES .. 21 Newstead Road, Lee, S.E.
		1882 Apr. 4.	LISBÔA, JOAQUIM MIGUEL RIBEIRO Post Box 195, Rio de Janeiro.
		1871 Mar. 7.	
		1880 Apr. 13.	LIST, GEORGE HENRY .. {Birmingham Corporation Water- works, Ludlow.
	✠	{1878 Feb. 5.}	*LIST, JOHN, Royal Naval Reserve {3 St. John's Park, Blackheath, S.E.
		{1887 Feb. 1.}	
	✠	{1887 Dec. 6.}	LITSTER, DAVID MICHAEL .. {c.o. Grindlay & Co., Parliament St., S.W.
		{1897 Nov. 30.}	

	Date of Election and of Transfer.	MEMBERS.	
	1872 Mar. 5.	LIVESEY, <i>Sir</i> GEORGE THOMAS	Shagbrook, Reigate.
	1886 May 18.	*LIVESEY, HARRY .. ..	14 South Place, Finsbury, E.C.
	1894 Jan. 23.	LIVESEY, JAMES .. ..	14 South Place, Finsbury, E.C.
	1867 Dec. 3.		
	1878 Feb. 19.		
	1896 Feb. 4.	LLOYD, ROBERT SAMUEL ..	{ Hayward-Tyler & Co., 90 White- cross St., E.C.
T t ✕	1854 Mar. 7.	LLOYD, WILLIAM .. ..	19 Finchley Road, N.W.
	1903 Apr. 7.	LOANE, SAMUEL JOSHUA ..	Engineer, Municipality, Madras.
	1875 Jan. 12.	LOBLEY, JOSEPH .. ..	Boro' Surveyor, Hanley, Staffs.
	1886 May 11.		
✕	1889 Jan. 8.	LOBNITZ, FREDERIC .. ..	Clarence House, Renfrew.
	1900 Apr. 10.		
	1877 Jan. 16.	*LOCKHART, WILLIAM STRONACH	67 Granville Park, Blackheath, S.E.
	1889 Apr. 9.	LOCKYER, NORMAN JOSEPH ..	{ N.E. Ry., Loco. Works, Gateshead- on-Tyne.
	1888 Apr. 10.		
	1898 Feb. 8.	LONGBOTHAM, JONATHAN ..	Sharrow House, Sheffield.
	1899 Dec. 5.		
	1887 May 24.	LONGDEN, JOHN ALFRED ..	{ Stanton-by-Dale, Nottingham. (Long- den, Stanton, Alfreton.)
	1894 Dec. 4.	LONGFIELD, RICHARD WILLIAM	County Surveyor, Bandon, co. Cork.
	1902 Feb. 11.	FREDERICK, B.A.I. ( <i>Dubl.</i> )	
	1874 Mar. 3.	LONGRIDGE, MICHAEL,	{ Linkvretten, Ashley Road, Peel
	1880 May 11.	M.A. ( <i>Cantab.</i> ) .. ..	{ Causeway, Cheshire.
t ✕	1883 May 29.	LOPES, GEORGE, B.A. ( <i>Cantab.</i> )	1 Queensberry Place, S.W.
	1889 Nov. 5.		
	1889 Jan. 8.	*LOVEGROVE, EDWIN JAMES ..	{ Hornsey District Council, South- wood Lane, N.
	1899 Dec. 12.		
	1888 Feb. 7.	*LOW, PERCY ARCHIBALD ..	Bridport House, Rugby.
	1902 Apr. 22.		
T t m ✕	1885 Mar. 3.	*LOWCOCK, SIDNEY RICHARD ..	{ 50 Queen Anne's Gate, Westminster, S.W.
	1899 Mar. 28.		
	1867 Mar. 5.	LOWE, CHARLES HARLOWE ..	30 Somerset St., Portman Square, W.
	1896 Feb. 4.		
✕	1877 Dec. 4.	LOWE, JOHN HENRY .. ..	23 Alderbrook Road, Balham, S.W.
	1885 Dec. 1.	{ LOWE, JOHN LANDOR, B.Sc. ( <i>Lond.</i> ) .. ..	Midland Ry., Derby.
	1891 Jan. 13.	LOWE, LOUIS JOHN MCKENZIE	Casilla 655, Buenos Aires.
	1884 Feb. 5.	LUCAS, WILLIAM OWEN .. ..	Deasland, Oxshott, Surrey.
	1895 Mar. 5.		
	1901 Feb. 5.	LUIGGI, LUIGI .. ..	22 Esmeralda, Buenos Aires.
	1880 Dec. 7.	LUKE, ARTHUR GEORGE .. ..	Woodlands, Broadstone, Wimborne.
	1904 Apr. 19.	LUKE, WILLIAM JOSEPH ..	John Brown and Co., Clydebank, N.B.
	1885 Mar. 3.	LUMSDEN, HUGH DAVID .. ..	{ 63 Homewood Avenue, Toronto, Canada.
	1876 Mar. 7.	LUNDIE, CORNELIUS .. ..	Rhymney Railway, Cardiff.
	1876 Feb. 1.	LUNDIE, GEORGE ARCHIBALD	Cardiff.
	1879 Mar. 4.		
	1893 Jan. 10.	LUNN, WILLIAM .. ..	Drainage Works, Bridgwater.
	1902 Apr. 15.		
	1878 May 7.	LUPTON, <i>Professor</i> ARNOLD ..	{ 6 De Grey Road, Leeds. (Arnold Lupton, Leeds. 330.)
	1892 May 3.	*LYELL, DAVID .. ..	Box 5228, Johannesburg, Transvaal
	1900 Feb. 13.		
	1887 Jan. 11.	*LYELL, ROBERT, B.Sc. ( <i>Edin.</i> )	Monte Caseros, Argentina.
	1900 Dec. 19.		
	1881 Dec. 6.	LYNCH, FRANCIS JOSEPH ..	Ottawa, Canada.
	1877 Dec. 4.	LYNDE, FRANCIS GASCOIGNE ..	Fairseat, Sevenoaks.
	1882 May 23.		
	1875 May 11.	LYNDE, JAMES HENRY .. ..	{ Buckland, Ashton-on-Mersey, Man- chester.
	1877 Nov. 27.		

Date of Election and of Transfer.		MEMBERS.	
	1884 Dec. 2. } 1890 May 20. }	LYNN, GRAHAM RIGBY .. ..	{Chief Engineer's Office, Baroda, Bombay.
✠	1882 Dec. 5.	LYSTER, ANTHONY GEORGE. ..	Dockyard, Liverpool.
m ✠	{1882 Feb. 7. } {1891 Sept. 29. }	*MACALISTER, DANIEL .. ..	{Water Trust, Municipal Buildings, Greenock, N.B.
✠	{1881 May 31. } {1896 May 12. }	MACALISTER, ROBERT .. ..	c.o. H. S. King & Co., Pall Mall, S.W.
	1879 Feb. 4. }	MACASSEY, LUKE LIVINGSTON	38 Parliament Street, S.W.
	1886 Feb. 9. }		
	1889 Dec. 3. }	*MACAULAY, FREDERIC WILLIAM	{Birmingham Water Dept., Springfield House, Ludlow. (Water, Ludlow.)
	1900 Dec. 18. }		
	1881 Jan. 11. }	MACBRAIR, ROBERT ALEX-	{City Engineer, Lincoln.
	1902 Dec. 2. }	ANDER .. ..	
	1873 May 6. }	MACBRIDE, ROBERT KNOX,	Junior Carlton Club, Pall Mall, S.W.
	1879 Nov. 4. }	C.M.G. .. ..	
	1894 Dec. 4. }	MACCABE, WILLIAM BERNARD	City Engineer, Calcutta.
	1902 Jan. 28. }		
	1864 Apr. 5. }	MCCLEAN, FRANK,	{Norfolk House, Norfolk Street, Strand, W.C.
	1867 Dec. 10. }	M.A. ( <i>Cantab.</i> ), F.R.S. ..	{John Aird & Co., Avonmouth Docks, Bristol.
	1902 Mar. 4. }	*MCCLOURE, HUGH HANNAY ..	Govt. Rys., Hobart, Tasmania.
	1891 May 5. }	MCCORMICK, JOHN MACNEILL	c.o. H. S. King & Co., 65, Cornhill, E.C.
	1882 Feb. 7. }	MCCUDDEN, EDMUND GERALD	
	1886 Nov. 2. }	JAMES .. ..	
	1889 Mar. 5. }	MCCULLOUGH, FREDERICK	Waterworks Engineer, Belfast.
	1896 May 12. }	WILLIAM .. ..	
	1891 Apr. 7. }	MCDONALD, ALEXANDER BEITH	City Engineer, Glasgow.
	1874 Mar. 3. }	MCDONALD, ARTHUR HARMAN	1 Osborne Road, Clifton, Bristol.
	1892 May 24. }	*MCDONALD, GEORGE CHAMPION	Cambrian Rys., Oswestry.
	1899 Mar. 28. }		
	1881 Dec. 6. }	*MCDONALD, JOHN ALEXANDER	{c.o. McDonald, Scales & Co., 4 Chapel Street, Cripplegate, E.C.
	1888 Feb. 28. }		
	1878 Mar. 5. }	MCDONALD, JOHN ALLEN ..	{Eng.'s Office, Midland Ry., Derby. (McDonald, Derby.)
		(Member of Council.)	
t ✠	1872 Feb. 6. }	{MCDONNELL, ALEXANDER, M.A. ( <i>Dubl.</i> ) .. ..	Rydens, Hersham Road, Walton-on- Thames.
	1894 May 1. }	*MCDONNELL, IAN ALISTER,	East Indian Ry., Dinapore, Bengal.
	1904 Mar. 29. }	B.A.I. ( <i>Dubl.</i> ) .. ..	
	1875 Feb. 2. }	MCDUGALL, NIEL .. ..	{Guildhall Chambers, Lloyd Street, Manchester.
	1881 Mar. 15. }		
	1879 Dec. 2. }	*MACFARLANE, DONALD .. ..	{H.M. Naval Yard, Simon's Town, Cape Colony.
	1900 Dec. 18. }		
	1879 Apr. 1. }	MCGREGOR, JOSIAH .. ..	{c.o. Mrs. McGregor, 37 Harold Road, Upper Norwood, S.E.
	1869 Dec. 1. }	McHUTCHIN, WILLIAM .. ..	United Service Club, Bangalore, India.
	1867 Dec. 3. }	MACINTYRE, JOHN STEVENSON	14 Victoria Street, S.W.
	1903 Jan. 13. }	MACKAIL, GEORGE HENDERSON	{c.o. H. Oxley, 2 Oakfield Road, Clapton, N.E.
	1890 Feb. 4. }	MACKENZIE, ARCHIBALD	{c.o. A. Fletcher & Co., 2 St. Helen's Place, E.C.
	1897 Nov. 30. }	THOMAS .. ..	
T t ✠	{1875 May 4. } {1878 Apr. 30. }	MACKENZIE, JOHN BOWER ..	{St. Edmunds, Glen Huntly, Mel- bourne, Victoria.
	1904 Jan. 12. }	MACKENZIE, NICOL FINLAYSON	{Royal Indian Engineering College, Staines.
	1866 Jan. 9. }	McKERROW, ALEXANDER ..	{17 Victoria Street, S.W. (West- minster 505.)
	1871 Dec. 5. }		
	1859 Mar. 1. }	McKIE, HUGH UNSWORTH ..	White House, Spondon, Derby.
	1885 Dec. 1. }		
	1882 Dec. 5. }	McKIE, ISAAC SHEPHERD ..	Hazeldene, Park Rd., Sittingbourne.
	1899 Dec. 12. }		



Date of Election and of Transfer.		MEMBERS.	
1885 Dec. 1.	}	McKIE, JAMES .. ..	White House, Spondon, Derby.
1899 Feb. 7.			
1880 Jan. 13.		McKINNEY, HUGH GIFFEN ..	The Exchange, Sydney, N.S.W.
1885 Feb. 24.	}		
1870 May 24.		MACKINNON, MATTHIE CHARLES	Hatton, 'Torquay.
1893 Nov. 7.			
1859 May 24.	}	McLANDSBOROUGH, WILLIAM ..	Selsley Lawn, Cheltenham.
1878 Apr. 30.			
1888 Dec. 4.		*MACLAREN, JAMES WADDELL	Chartered Bank Buildings, Singa-
1898 Mar. 22.	}	BOYD .. ..	pore, S.S.
1876 May 2.		McLAREN, JOHN .. ..	Midland Engine Works, Hunslet,
1892 Nov. 8.			Leeds. (McLaren, Leeds.)
1879 May 6.	}	McLAUGHLIN, FREDERICK JAMES	8 Old Park Avenue, Balham, S.W.
1887 May 17.			
1894 Apr. 3.		{MACLAY, WILLIAM WALTER,}	Box 512, Glens Falls, New York,
		M.A. (New York) .. ..	U.S.A.
1889 Dec. 3.	}	MACLEAN, CHARLES WILLIAM	Ports and Harbours Dept., Mel-
1903 Dec. 22.			bourne, Victoria.
1883 Dec. 4.		*MACLEAN, FRANCIS WILLIAM	Railway Dept., Dunedin, N.Z.
1897 Mar. 15.	}		
1893 May 2.		McLELLAN, DUGALD .. ..	Caledonian Ry., Buchanan Street
1903 Mar. 10.			Station, Glasgow.
1878 May 28.	}	{MACLEOD, HENRY AUGUSTINE}	340 Cooper Street, Ottawa, Canada.
		FITZGERALD .. ..	
1894 Feb. 6.		*McMAHON, PETER VALENTINE	195 Clapham Road, S.W.
1903 Dec. 22.	}		
1884 Dec. 2.		MACPHERSON, DUNCAN .. ..	Canadian Pacific Ry., Montreal.
1891 May 5.			
1870 Dec. 6.	}	MADELEY, JAMES CHATBURN ..	Highworth, Ashford, Kent.
1878 Feb. 19.			
1889 Dec. 5.		MAGINNIS, ARTHUR JOHN ..	28 Chapel Street, Liverpool.
1889 Feb. 5.	}		
1898 Dec. 20.		MAIR, HUGH .. ..	Vestry Hall, Hammersmith, W.
1873 May 20.		MAIR-RUMLEY, JOHN GEORGE	The Hammonds, Udimore, Sussex.
1879 Dec. 2.	}	MAIS, HENRY COATHUPE ..	Prell's Buildings, Melbourne, Victoria.
1886 Dec. 7.		MALCOLM, BOWMAN .. ..	Northern Counties Ry., Belfast.
1882 Mar. 7.		*MALET, ALAN ARTHUR GREN-	Local Government Board, White-
1901 Dec. 11.	}	VILLE .. ..	hall, S.W.
1863 May 5.		MALLET, ROBERT TREFUSIS ..	66 Cornwall Gardens, S.W.
1876 Dec. 5.			
1889 Dec. 3.	}	MALTBY, THOMAS CRICHTON ..	C.J. Deck, Trafalgar St., Nelson, N.Z.
1882 Dec. 5.		MAMMATT, JOHN EDWARD ..	1 Albion Place, Leeds.
1883 Dec. 4.		{MANCE, Sir HENRY CHRIS-}	32 Earl's Court Square, S.W.
		TOPHER, C.I.E. .. ..	
1870 May 24.	}	MANISTY, EDWARD .. ..	39 Chalk Farm Road, N.W.
1893 Jan. 17.			
1888 Mar. 6.		MANN, ISAAC JOHN .. ..	5 St. Augustine's Road, Bedford.
1876 May 2.	}		
1897 Feb. 23.		MANNERING, HORACE JOHN ..	30 Garlies Road, Forest Hill, S.E.
1870 May 24.			
1887 Nov. 8.	}	MANNERS, CHARLES ROBERT ..	12 Lombard Street, Inverness.
1864 Dec. 6.		MANNING, JOHN RICHARDS ..	110 London Road, Forest Hill, S.E.
1887 May 3.		MANOUG, JOSEPH LATIF, <i>Bey</i>	Cairo.
1891 May 5.	}	*MANSERGH, ERNEST LAWSON ..	5 Victoria Street, S.W.
1900 Mar. 27.		MANSERGH, JAMES, F.R.S.	
1859 Apr. 5.		(Past-President. Member of	5 Victoria Street, S.W. (Survey,
1873 Dec. 9.	}	Council.) .. ..	London.)
1891 Dec. 1.		*MANTON, ARTHUR WOODROFFE,	G.W. Ry., Old Sodbury, Glos.
1899 Apr. 11.		B.Sc. (Birmingham) .. ..	
1881 Dec. 6.	}		
1892 Nov. 29.		MARCHANT, FREDERIC WILLIAM	Box 74, Timaru, New Zealand.



Date of Election  
and of Transfer.

## MEMBERS.

✱	{	1889 May 21.	MARCHBANKS, JAMES .. ..	{	Wellington and Manawatu Ry., Wellington, N.Z.
		1901 Jan. 15.	MARLEY, JOHN WILLIAM .. ..		Thornfield, Darlington.
m	{	1883 Mar. 6.	*MARRIOTT, WILLIAM .. ..	{	M. & G. N. Rys., Melton Constable. (Marriott, Melton Constable.)
		1891 Nov. 17.	{		Rockdale, Stow Park, Newport, Mon.
		1897 Dec. 7.	{		Earle .. .. .
		1877 May 29.	*MARSH, HENRY, C.I.E. .. ..	{	Irrigation Dept., P.W.D., Agra, N.W.P., India.
		1890 Mar. 4.	MARSH, THOMAS EDWARD MILLES		34 Grosvenor Place, Bath.
		1862 Mar. 4.	MARSH, WILLIAM SUTCLIFFE ..		The Elms, Mount Pleasant, Swansea.
		1891 Feb. 3.	MARSHALL, FRANK THEODORE		St. Peter's Works, Newcastle-on- Tyne.
		1904 Feb. 2.	{		Richmond Hill, Birmingham. (Augustus, Birmingham. 3533.)
✱	{	1877 Feb. 6.	MARSHALL, WILLIAM BAYLEY	{	Richmond Hill, Birmingham. (Augustus, Birmingham. 3533.)
St ✱	{	1887 Apr. 19.	{		Richmond Hill, Birmingham. (Augustus, Birmingham. 3533.)
		1845 June 3.	MARSHALL, WILLIAM PRIME ..		Richmond Hill, Birmingham. (Augustus, Birmingham. 3533.)
		1866 Apr. 10.	{		Richmond Hill, Birmingham. (Augustus, Birmingham. 3533.)
		1857 Jan. 13.	MARTEN, EDWARD BINDON ..		Pedmore, near Stourbridge.
		1877 May 8.	{		Lamberhurst, Bath Road, Cheltenham.
✱	{	1883 May 1.	MARTEN, EDWARD DIMMACK,	{	L.B. & S.C. Ry., 332 Queen's Road, Battersea, S.W.
		1893 May 2.	M.A. ( <i>Cantab.</i> ) .. .. .		Thornbank, Kenley, Surrey.
		1891 May 5.	*MARTEN, HUBERT BINDON ..		The Hill, Abergavenny.
		1904 Mar. 29.	MARTIN, DANIEL FRANCIS ..		Roden Lodge, Beauchamp Roothing, Ongar.
✱	{	1883 Feb. 6.	MARTIN, EDWARD PRITCHARD	{	Sherwood, Newport Road, Cardiff. Brazilian St. Ry. Co., 405 Mansion House Chambers, Queen Victoria Street, E.C.
✱	{	1881 Apr. 5.	MARTIN, EDWIN LEWIS .. ..	{	Govt. Rys., Port of Spain, Trinidad.
		1897 Jan. 12.	MARTINEAU, WILLIAM .. ..		Laprida 352, Buenos Aires.
		1888 Dec. 4.	*MARWOOD, HORACE RICHARD ..		Fremantle, W. Australia.
		1859 Apr. 5.	MASCHWITZ, CARLOS .. ..		25 Queen Anne's Gate, S.W. (Mas- sive, London.)
		1884 Dec. 2.	MASON, CLAYTON TURNER ..		Salford Ironworks, Manchester.
		1901 Dec. 17.	MASSEY, WILLIAM HENRY ..		Caledonian Ry., Buchanan Street Station, Glasgow.
		1896 May 19.	MATHER, Sir WILLIAM, M.P. ..		13 Walbrook, E.C. (Matheson, Wal- brook.)
		1884 Apr. 1.	MATHEWSON, DONALD ALEX- ANDER .. .. .		Clayton, Surbiton Hill Park.
t ✱	{	1876 May 2.	MATHEWSON, EWING .. .. .	{	Trinity House, E.C.
		1865 Mar. 7.	MATTHEWS, WILLIAM, C.M.G. ..		9 Victoria Street, S.W. (Penlee, London. Westminster 47.)
		1877 Feb. 6.	{		Waterworks Engineer, Southampton.
		1884 May 6.	MATTHEWS, HENRY MONTAGU, C.I.E. .. .. .		69 Cadogan Gardens, S.W.
		1870 Dec. 6.	MATTHEWS, THOMAS .. ..		3 Windsor Circus, Kelvinside, Glasgow.
		1876 Dec. 5.	MATTHEWS, WILLIAM, C.M.G. ..		35 Bedford Street, Strand, W.C.
t ✱	{	1882 Apr. 4.	MATTHEWS, DONALD ALEX- ANDER .. .. .		Boro' Surveyor, Leicester.
		1889 Apr. 30.	*MAUDSLAY, WALTER HENRY ..		P.W.D., Bombay.
		1871 May 2.	MAUDSLAY, WALTER HENRY ..		Wellington, N.Z.
		1877 Dec. 18.	*MAY, CHARLES RAMSDEN ..		Orwell Lodge, Erith, Kent.
		1895 Jan. 8.	MAVOR, HENRY ALEXANDER ..		25 Compton Avenue, Brighton.
F ✱	{	1899 Nov. 28.	MAY, FRANCIS JOHN CHARLES		
		1896 Feb. 4.	MAY, FRANCIS JOHN CHARLES		
		1885 Dec. 1.	MAY, FRANCIS JOHN CHARLES		
		1898 Feb. 8.	MAY, FRANCIS JOHN CHARLES		
		1904 Jan. 12.	MAY, FRANCIS JOHN CHARLES		
m m ✱	{	1873 Jan. 14.	*MAXWELL, JOSEPH PRIME ..		
		1883 May 29.	*MAXWELL, JOSEPH PRIME ..		
		1885 Mar. 3.	*MAY, CHARLES RAMSDEN ..		
		1902 Dec. 16.	*MAY, CHARLES RAMSDEN ..		
		1886 Dec. 7.	*MAY, CHARLES RAMSDEN ..		
		1894 Mar. 6.	*MAY, CHARLES RAMSDEN ..		

Date of Election and of Transfer.		MEMBERS.	
1893 Dec. 5.	1902 Dec. 16.	MAY, WALTER .. .. .	Nine Elms Ironworks, Reading.
1876 May 2.	1879 Feb. 4.		
† {	1894 Dec. 4.	MAYLOR, WILLIAM .. .. .	{ Hanley Grange, Hanley Castle, Worcestershire.
1902 Mar. 25.	1879 Feb. 4.		
† {	1891 Mar. 30.	*MAYNE, CHARLES .. .. .	Municipal Council, Shanghai.
1887 Dec. 6.	1890 Dec. 9.		
S t {	1863 May 5.	MEADE, THOMAS DE COURCY ..	Town Hall, Manchester.
1888 Feb. 7.	1876 May 2.		
† {	1880 Apr. 27.	MEADE-KING, WILLIAM OLIVER	Local Govt. Board, Whitehall, S.W.
1886 May 4.	1897 Dec. 7.		
1888 Feb. 7.	1888 Feb. 7.	EVELYN .. .. .	Rio de Janeiro.
1901 Dec. 17.	1874 May 5.		
1874 May 5.	1891 Nov. 17.	MEDEIROS, VIRIATO DE .. ..	16 Victoria Street, S.W. (Snowdon, London.)
1901 Apr. 23.	1893 Mar. 7.		
1893 Mar. 7.	1883 Dec. 4.	MEIK, CHARLES SCOTT .. ..	10 Victoria Street, S.W.
1888 Feb. 7.	1888 Mar. 6.		
1901 Dec. 17.	1896 Nov. 24.	*MEIK, PATRICK WALTER ..	Dahlemerstrasse 6, Südende, Berlin.
1874 May 5.	1879 Dec. 2.		
1891 Nov. 17.	1889 Jan. 29.	MELDRUM, JAMES .. .. .	{ 264 Gresham House, Old Broad Street, E.C.
1901 Apr. 23.	1896 Mar. 3.		
1893 Mar. 7.	1885 Mar. 3.	MELLOR, MONTAGUE RAFFINGTON	{ S. Pearson & Son, Coatzacoalcas, Mexico.
1883 Dec. 4.	1897 Apr. 6.		
1888 Mar. 6.	1892 Dec. 6.	MELVILLE, WILLIAM .. .. .	{ St. Enoch Station, Glasgow.
1896 Nov. 24.	1901 Dec. 11.		
1879 Dec. 2.	1875 Feb. 2.	*MENEZES, CAMILLO MARIA DE	{ Señor D. Level, 42 Rua da Passagem, Rio de Janeiro.
1889 Jan. 29.	1882 Feb. 14.		
1896 Mar. 3.	1878 Feb. 5.	*MESSENT, PHILIP GLYNN ..	Port Trust, Bombay.
1885 Mar. 3.	1894 Dec. 4.		
1897 Apr. 6.	1874 Dec. 1.	MESTAYER, RICHARD LIRON ..	{ Lambton Quay, Wellington, N.Z.
1892 Dec. 6.	1891 Dec. 8.		
1901 Dec. 11.	1880 May 4.	METCALFE, Sir CHARLES	{ Braeburn Steel Co., Braeburn, Pa. U.S.
1875 Feb. 2.	1900 Jan. 30.		
1882 Feb. 14.	1870 Feb. 1.	HERBERT THEOPHILUS, Bart.	{ 5 Grand Parade Buildings, Cape Town, C.C.
1878 Feb. 5.	1885 Dec. 1.		
1894 Dec. 4.	1863 Mar. 3.	METCALFE, HENRY HULBERT	{ 30 Palmerston Buildings, Auckland, N.Z.
1874 Dec. 1.	1896 Feb. 4.		
1891 Dec. 8.	1902 Apr. 22.	*METHVEN, CATHCART WILLIAM,	Durban, Natal.
1880 May 4.	1876 Mar. 7.		
1900 Jan. 30.	1886 Feb. 9.	F.R.S.E. .. .. .	{ Hathorn, Davey & Co., Leeds. (Hathorn, Leeds. 524.)
1870 Feb. 1.	1892 Mar. 1.		
1885 Dec. 1.	1899 Feb. 7.	*MEYSEY - THOMPSON, ARTHUR	Higham Hall, Rochester.
1863 Mar. 3.	1869 May 11.		
1896 Feb. 4.	1878 Mar. 21.	HERBERT .. .. .	{ c.o. H. S. King & Co., 65 Cornhill, E.C.
1902 Apr. 22.	1885 Dec. 1.		
1876 Mar. 7.	1880 May 4.	MICHELE, VITALE DOMENICO DE	{ 17 Victoria Street, S.W. (Appoint, London.)
1886 Feb. 9.	1888 Feb. 7.		
1892 Mar. 1.	1891 Dec. 8.	*MIDDLETON, REGINALD EMPSON	{ Eden Cottage, Beckenham.
1899 Feb. 7.	1880 May 4.		
1869 May 11.	1878 Mar. 21.	MIERS, FRANCIS CHARLES ..	{ Engineer's Office, Crigglestone, Wakefield.
1885 Dec. 1.	1889 Jan. 29.		
1899 Dec. 12.	1876 Mar. 7.	*MILES, HARRY POWELL ..	{ Bosmere House, Norwich Road, Ipswich.
1901 Apr. 23.	1886 Feb. 9.		
1898 Apr. 5.	1892 Mar. 1.	MILLER, HENRY .. .. .	{ Electric Lighting Works, Kensington Court, W.
1891 May 12.	1899 Feb. 7.		
1862 Apr. 1.	1869 May 11.	MILLER, HERBERT WOODVILLE	{ Dock Commission and Harwich Har- bour Conservancy Board, Ipswich.
1877 Dec. 4.	1878 Mar. 21.		
1889 Nov. 5.	1885 Dec. 1.	*MILLER, THOMAS LODWICK ..	{ 7 Tower Buildings North, Water Street, Liverpool.
1899 Nov. 5.	1899 Dec. 12.		
1901 Apr. 23.	1901 Apr. 23.	MILLS, FREDERICK .. .. .	{ Ebbw Vale Steel, Iron and Coal Co., Ebbw Vale, Mon.
1898 Apr. 5.	1898 Apr. 5.		
1891 May 12.	1891 May 12.	MILLS, GRANVILLE .. .. .	{ Kingslee, Farndon, Chester.
1862 Apr. 1.	1877 Dec. 4.		
1877 Dec. 4.	1889 Nov. 5.	MILLS, MANSFELDT HENRY ..	{ Mansfield-Woodhouse, Notts.
1889 Nov. 5.	1889 Nov. 5.		
1862 Apr. 1.	1877 Dec. 4.	MILLS, WILLIAM HEMINGWAY ..	{ Nurney, Glenagarey, co. Dublin.
1877 Dec. 4.	1889 Nov. 5.		
1889 Nov. 5.	1889 Nov. 5.	*MILSON, BOSWELL PARKINSON	Grindlay, Groom & Co., Bombay.
1889 Nov. 5.	1889 Nov. 5.		

Date of Election  
and of Transfer.

## MEMBERS.

T t	✠	1899 Dec. 5.	MILTON, JAMES TAYLER.. ..	{ Lloyd's Register, 71 Fenchurch Street, E.C.
		1891 May 5.}	MIRRELES, WILLIAM JULIUS,}	
		1895 May 14.}	B.Sc. ( <i>Glas.</i> ) .. .. }	Tonga, Natal.
m	✠	{1889 Feb. 5.}	*MOIR, ERNEST WILLIAM.. ..	{ Great Northern & City Ry., Poole Street, New North Road, N.
	✠	{1894 May 22.}		{ 39 Victoria Street, S.W.
W m	✠	1889 Dec. 3.	MOLESWORTH, HENRY BRIDGES	
		{1854 Mar. 7.}	{ MOLESWORTH, Sir GUIL-	
		{1862 Nov. 25.}	FORD LINDSEY, K.C.I.E. .. }	{ 39 Victoria Street, S.W.
			( <i>Vice-President.</i> )	
		1872 May 7.}	*MOLLETT, FREDERICK HERBERT	{ C. H. Walker & Co., 15 Great George Street, S.W.
		1887 May 24.}		{ District Engineer, Orange, New South Wales.
		1889 Feb. 5.}	MOLLISON, JAMES SMITH ..	{ c.o. H. S. King & Co., Pall Mall, S.W.
		1895 Apr. 9.}		{ Eng.-in-Chief, Adelaide, S. Australia.
t	✠	1896 Dec. 1.	MOLLOY, ROBERT ALFRED ..	{ 1 St. Nicholas Buildings, Newcastle-on-Tyne. (P.O. 10.)
		1888 May 1.	MONCRIEFF, ALEXANDER BAIN	
		{1890 May 6.}	MONCRIEFF, JOHN MITCHELL	{ Ry. Station, Adelaide, S. Australia.
		{1897 Jan. 19.}		
m	✠	1887 May 24.	MONCRIEFF, JOSEPH COWAN BAIN	
		{1888 Feb. 7.}	*MONEY, ROBERT JARRATT ..	{ S. Pearson & Son, Shanghai.
		{1902 Feb. 11.}		
		1875 Dec. 7.}	MONK, HUGH LEWIN .. ..	{ H. S. King & Co., Pall Mall, S.W.
		1890 Nov. 11.}		
	✠	{1894 May 22.}	MONKHOUSE, EDWARD WYND-	{ 14 Old Queen Street, Westminster, S.W.
		{1899 Dec. 12.}	HAM, M.A. ( <i>Cantab.</i> ) .. .. }	
		1878 May 28.}	*MONTAGUE, JOHN MONT-	{ Lee House, Marwood, Barnstaple.
		1893 Nov. 7.}	HERMER, M.A. ( <i>Oxon.</i> ) ..	
		1866 May 15.	MOORE, ALFRED .. ..	{ Holmleigh, Trafford Road, Alderley Edge.
		1891 May 5.}	*MOORE, ARTHUR MEYRICK ..	{ 27 Woburn Place, Tavistock Square, W.C.
		1898 Nov. 29.}		{ Railway, Manila, Philippines.
		1903 Mar. 3.	MOORE, GEORGE .. ..	
		1880 Dec. 7.}	MOORE, GEORGE EDWARD ..	{ Hobart, Tasmania.
		1884 Mar. 4.}		
		1883 Dec. 4.}	*MOORE, RICHARD ST. GEORGE	{ 17 Victoria Street, S.W.
		1895 Apr. 2.}		
		1887 Dec. 6.	MOORE, ROBERT .. ..	{ Laclede Building, St. Louis, Mo., U.S.
		1867 Jan. 8.	MOORSOM, LEWIS HENRY ..	{ 20 Cooper Street, Manchester.
		1888 Jan. 10.	MORCOM, ALFRED .. ..	{ Ledsam Street Works, Birmingham.
		1904 Jan. 12.	MORDEY, WILLIAM MORRIS ..	{ 82 Victoria Street, S.W.
✠		{1866 Dec. 4.}	MORE, CHARLES JAMES .. ..	{ Thames Conservancy, Victoria Embankment, E.C.
		{1879 Apr. 29.}		
✠		{1886 Mar. 2.}	MORE, JAMES, JUN., F.R.S.E.	{ 74 George Street, Edinburgh. (Theodolite, Edinburgh.)
		{1896 Dec. 22.}		
✠		{1881 Dec. 6.}	*MOREING, CHARLES ALGERNON	{ 20 Copthall Avenue, E.C. (Bewick, London. London Wall 758.)
		{1888 Feb. 7.}		{ 4 Highbury Quadrant, N. (Expansion, London.)
		1869 May 4.	*MORELAND, RICHARD .. ..	
		1883 Jan. 9.}	MORGAN, CHARLES LANGBRIDGE	{ L. B. & S. C. Ry., London Bridge, S.E.
		1889 Apr. 30.}		
		1882 Dec. 5.}	MORGAN, WALTER CAMPBELL DE	{ c.o. H. S. King & Co., Pall Mall, S.W.
		1891 May 12.}		
		1892 Dec. 6.	MORGANS, THOMAS .. ..	{ 60 Queen Square, Bristol.
✠		1902 Jan. 14.	MORISON, JOHN .. ..	{ Cramlington House, Northumberland.
		1892 May 24.	*MORLEY, GEORGE STREATFEILD	{ P.W.D., Jabalpur, C.P., India.
		1897 Apr. 6.	MORLEY, HENRY .. ..	{ Gasworks, Cardiff.
		1884 Dec. 2.}	MORRIS, DAVID .. ..	{ c.o. H. S. King & Co., Pall Mall, S.W.
		1889 May 21.}		
		1870 Feb. 1.}	MORRIS, FRANK .. ..	{ Stile House, Lyme Regis.
		1878 Apr. 30.}		
		1881 May 31.	MORRIS, THOMAS BACON ..	{ c.o. H. S. King & Co., Pall Mall, S.W.



Date of Election and of Transfer.		MEMBERS.	
t ✕	{1870 Mar. 1. 1877 Dec. 11.}	MORRIS, WILLIAM .. ..	Kent Waterworks, Deptford, S.E.
	1888 May 15.}	*MORRIS, WILLIAM ROBERT ..	{15 Alexandra Mansions, West Hampstead, N.W.
W t ✕	{1870 Feb. 1. 1874 Nov. 17.}	MORRISON, GABRIEL JAMES ..	7 The Sanctuary, Westminster, S.W.
	{1887 May 24. 1900 Dec. 19.}	*MORSE, AMYAS .. ..	
	1892 Mar. 1. 1898 Mar. 1.}	MORTON, DAVID HOME .. ..	130 Bath Street, Glasgow.
✕	1872 Dec. 3.	MORTON, ROBERT .. ..	27 Hamilton Terrace, N.W.
m	{1879 Feb. 4. 1888 May 15.}	*MOSS-BLUNDELL, ARTHUR SPENCE .. ..	Englefield Green, Surrey.
T t ✕	1862 Jan. 14.	MOSSE, JAMES ROBERT .. ..	{5 Clanricarde Gardens, Tunbridge Wells.
	1884 Dec. 2. 1890 Apr. 29.}	MOSTYN, ROBERT JOHN COUR- TENAY .. ..	Thames Conservancy, Victoria Em- bankment, E.C.
	1895 Mar. 5.	MOTT, BASIL .. ..	{2 Queen Square Place, Westminster, S.W.
✕	1885 May 5.	MOUNTAIN, ADRIEN CHARLES ..	City Surveyor, Melbourne, Victoria.
t ✕	{1880 Dec. 7. 1890 Nov. 11.}	*MOYLE, GEORGE .. ..	c.o. Alliance Bank of Simla, Calcutta.
	1871 Apr. 4. 1877 Nov. 27.}	MUIR, EDWIN .. ..	{21 Devonshire Street, Higher Broughton, Manchester.
	1896 Feb. 4. 1904 Feb. 23.}	MUIRHEAD, WILLIAM .. ..	{Pethick Brothers, 109 Victoria Street, S.W.
	1892 May 3.	*MULLALY, JOSEPH JOHN ..	c.o. H. S. King & Co., Pall Mall, S.W.
	1888 Feb. 7.	{MULVANY, CHRISTOPHER JOHN, B.A.I. (Dubl.) .. ..}	County Surveyor's Office, Athlone, Ireland.
	1889 Dec. 3. 1900 Feb. 20.}	MURGATROYD, SAMUEL LEES ..	G. C. Ry., London Road, Manchester.
	1871 Dec. 5. 1899 Jan. 24.}	MURPHY, PHILIP EDWARD ..	132 Philip Lane, Tottenham.
	1875 Dec. 7. 1892 Nov. 1.}	MURRAY, Hon. ALEXANDER ..	{Colonial Engineer and Surveyor- General, Singapore, S.S.
	1891 Mar. 3.	MURRAY, FREDERICK CHARLES	{c.o. Grindlay & Co., Parliament Street, S.W.
	1874 Dec. 1. 1896 Jan. 28.}	MURZBAN, MUNCHERJI COWASJI, Khan Bahadur, C.I.E. .. ..	Gulestan, Murzban Road, Bombay.
	1896 Dec. 1. 1902 Apr. 22.}	MUSKER, ARTHUR .. ..	Tuebrook, Liverpool.
m	{1876 Feb. 1. 1882 Jan. 24.}	*MYERS-BESWICK, WILLIAM BESWICK .. ..	{14 Victoria Street, S.W.
	1897 Dec. 7.	{MYLES, THOMAS JOSEPH, B.A.I. (Dubl.) .. ..}	Midland Great Western Railway, Athlone, Ireland.
	1902 Jan. 14.	NAIRN, CHARLES CAMERON ..	State Railways, Hobart, Tasmania
✕	1898 Jan. 11.	NAPIER, ROBERT TWENTYMAN	75 Bothwell Street, Glasgow.
✕	{1847 Mar. 2. 1859 Mar. 8.}	NEATE, CHARLES .. ..	{14 Victoria Street, S.W. (Trigonon, London.)
	1894 May 22. 1903 Dec. 22.}	NEWBIGGING, JOHN GIBSON ..	Gas Department, Manchester.
	1870 Apr. 5. 1878 Apr. 30.}	NEWBIGGING, THOMAS .. ..	Ardwell, Hale, Cheshire.
	1882 Dec. 5. 1896 Jan. 28.}	NEWCOMBE, ALFRED CORNE- LIUS .. ..	{19 Elms Avenue, Muswell Hill, N.
	1889 Feb. 5. 1898 Nov. 29.}	*NEWELL, THOMAS MONK ..	Dock Office, Hull.
	1879 May 6. 1891 Nov. 9.}	NEWHEY, JOSEPH .. ..	{Chief Inspector of Public Works, Cape Town, C.C.



Date of Election  
and of Transfer.

## MEMBERS.

	1894 May 22.}	NEWINGTON, FRANK ALFRED ..	4 Osborne Terrace, Edinburgh.
	1902 Dec. 2.}		
	1894 Feb. 6.}	NEWTON, CHARLES BUTTER-	} Whitehall Chambers, Carlisle.
	1899 Dec. 12.}	WORTH .. .. .	
	1894 Apr. 3.}	NEWTON, CHARLES EDWARD ..	17 Cooper Street, Manchester.
	1885 Dec. 1.}	*NEWTON, WILLIAM GYLICH ..	P.W.D., Rangoon, Burma.
	1897 Nov. 30.}		
	1873 Mar. 4.}	NICHOLAS, CHARLES EDWARD ..	Ry. Dept., Sydney, N.S.W.
	1880 Mar. 2.}		
	1886 Dec. 7.}	NICHOLS, HARRY BERTRAM ..	11 Victoria Street, S.W.
	1902 Dec. 16.}		
t ✠	1892 Feb. 2.}	NICHOLS, OTHNIEL FOSTER ..	{ 42 Gates Avenue, Brooklyn, N.Y.
	1888 Apr. 10.}		{ U.S.
	1902 Mar. 18.}	*NICHOLSON, GEORGE TAYLOR ..	Table Bay Harbour, Cape Town, C.C.
	1897 April 6.}	NICHOLSON, JOHN RUMNEY ..	{ Tanjong Pagar Dock Co., Singa- pore, S.S.
	1903 Feb. 10.}		
	1887 May 3.}	NICOL, ROBERT GORDON ..	Harbour Engineer, Aberdeen.
	1899 Nov. 28.}		
	1875 Dec. 7.}	NICOLLS, THOMAS JOHN FRANCIS,}	14 Bridge Street, Glasgow.
	1879 Mar. 25.}	B.A. (Dubl.) .. .. .	
	1899 Apr. 11.}	{ NICOLSON, JOHN THOMAS,	Municipal Technical School, Prin- cess Street, Manchester.
		D.Sc. (Edin.) .. .. .	
	1882 Mar. 7.}	{ NIGHTINGALE, WALTER HAW-	40 Windsor Road, Ealing, W.
		KINS .. .. .	
	1889 Dec. 3.}	NIVEN, THOMAS OGILVIE ..	131 West Regent Street, Glasgow.
	1901 Feb. 5.}	NOBLE, ALFRED .. .. .	501 West 120th St., New York, U.S.
L	1881 Dec. 6.}	{ NOBLE, Sir ANDREW, Bart., Capt.	{ Elswick Works, Newcastle-on-Tyne. (Elswick, Newcastle. 8.)
		R.A. ret., K.C.B., F.R.S.	
	1898 Mar. 1.}	{ NOBLE, SAXTON WILLIAM	8 Great George Street, S.W.
	1886 Dec. 7.}	ARMSTRONG .. .. .	
	1888 Oct. 30.}	NORMAN, CHARLES ERNEST ..	Ry. Dept., Melbourne, Victoria.
	1886 Apr. 6.}	NORMAN, WALTER .. .. .	18 Tressillian Road, St. John's, S.E.
	1903 Dec. 22.}		
	1892 May 3.}	*NORTH, MARJORIBANKS KEPPEL	{ Local Government Board, White- hall, S.W.
	1901 Dec. 11.}		
	1877 Feb. 6.}	NYSTRÖMER, CARL AUGUST	Avenida Alvear 324, Buenos Aires.
	1883 May 29.}	BERNHARD .. .. .	
	1877 May 1.}	OAK, WILLIAM PERCIVAL ..	{ Quex Lodge, West End Lane, Kilburn, N.W.
	1892 Feb. 23.}		
	1869 Jan. 9.}	O'CALLAGHAN, Sir FRANCIS LANG-	Crichmere, Guildford.
	1872 Apr. 23.}	FORD, K.C.M.G., C.S.I., C.I.E.)	
	1876 Apr. 4.}	O'CONNELL, JOHN .. .. .	Sion Villa, Kilkenny.
	1889 Jan. 15.}	{ ODLING, CHARLES WILLIAM,	{ Craignoon, Ridgway Gardens, Wim- bledon, S.W.
	1879 Apr. 1.}	C.S.I., M.E. (Queen's) .. ..	
	1900 Jan. 9.}	O'DONNELL, JOHN PATRICK ..	Palace Chambers, Westminster, S.W.
✠	{ 1879 Feb. 4.}	OLIVE, WILLIAM THOMAS ..	{ 32 Shortmarket Street, Cape Town, C.C.
	{ 1891 Nov. 17.}		
	1889 Mar. 5.}	OLIVER, CALDER EDKINS, M.C.E.)	Board of Works, Melbourne, Vic- toria.
	1897 Nov. 30.}	(Melb.) .. .. .	
	1889 Dec. 3.}	OLIVER, CHARLES DEANE,	Congested Districts Board, 23 Rut- land Square, Dublin.
	1901 Dec. 11.}	B.A.I. (Dubl.) .. .. .	
	1878 Jan. 15.}	OLIVER, HENRY .. .. .	Colombo, Ceylon.
	1890 Nov. 25.}		
	1895 Apr. 2.}	OLLEY, CHARLES HENRY ..	{ Engineer's Dept., Board of Works, Dublin.
	1901 Feb. 12.}		
	1884 Feb. 15.}	*O'NEILL, WILLIAM PURCELL	{ M. G. W. Ry., Broadstone Station, Dublin.
	1900 Jan. 30.}		
W t ✠	1897 Dec. 7.}	ORAM, HENRY JOHN .. ..	{ Meadowside, Thurleigh Road, Balham, S.W.

	Date of Election and of Transfer.	MEMBERS.	
	1882 May 23.	*ORANGE, FRANCIS .. ..	11 Gray's Inn Square, W.C.
	1890 Apr. 15.		
✱	{1882 May 23.	*ORANGE, JAMES .. ..	Leigh & Orange, Hong Kong.
	{1890 Apr. 15.		
m	1896 Mar. 3.	{*ORCHARD, WILLIAM PATTERSON, B.E. ( <i>Queen's</i> ) .. ..}	County Surveyor, Ballina, co. Mayo.
	1873 May 20.		
	1879 Nov. 4.	ORMISTON, GEORGE EDWARD ..	9 Melbury Road, Kensington, W.
	1904 Jan. 12.	ORMSBY, CHARLES CROASDAILE	Wood Quay House, Galway.
	1891 Apr. 7.	OSBORN, FRANK CHITTENDEN	{Osborn Building, Cleveland, Ohio, U.S.
	1900 Apr. 3.		
	1882 Jan. 10.	OSBORNE, JAMES .. ..	5 Dean Terrace, Liskeard, Cornwall.
	1885 Feb. 10.		
	1865 Apr. 4.	OSBURN, HENRY .. ..	{21 Cedars Road, Clapham Common, S.W.
	1894 Dec. 4.	O'SHAUGHNESSY, JAMES EDWARD	Bangalore, India.
	1891 May 5.	OSMAN, CHARLES WILLIAM ..	{S.E. & C. Ry., Works Dept., 84 Tooley Street, S.E.
	1904 Feb. 16.		
t ✱	{1892 Dec. 6.	*OSWELL, FRANK, B.A. ( <i>Oxon.</i> )	{Obras de los Graneros, Digue 2, Buenos Aires.
	{1901 Dec. 17.		
	1883 Feb. 6.	OTWAY, JAMES, B.A. ( <i>Dubl.</i> )..	G. S. & W. Ry., Inchicore, Dublin.
	1874 Jan. 13.	OWEN, WILLIAM LANCASTER ..	26 Cornwall Gardens, S.W.
	1882 Mar. 28.		
✱	{1896 Dec. 1.	OWLES, ARTHUR HATSELL ..	Admiralty Harbour Works, Dover.
	{1902 Dec. 2.		
	1887 Apr. 5.	*OXTOBY, WILLIAM .. ..	Borough Engineer, Camberwell, S.E.
	1903 Apr. 7.		
	1877 May 29.	PACKMAN, JONATHAN .. ..	{Haling House, Waddon Road, Croy- don.
	1881 May 24.		
	1891 Dec. 1.	*PADDON, ARTHUR MATTHEWS	38 Victoria Street, S.W.
	1899 Nov. 28.		
✱	{1861 Dec. 3.	PADDON, JOHN BIRCH .. ..	Drymma, Neath, Glamorgan.
	{1871 Nov. 21.		
m	{1875 Feb. 2.	*PAGE, GEORGE EDWARD .. ..	32 Bark Place, Bayswater Hill, W.
	{1891 May 12.		
✱	{1870 Feb. 1.	PAIN, ARTHUR CADLICK .. ..	17 Victoria Street, S.W.
	{1877 May 8.		
	1884 Dec. 2.	PALLISER, HARRY GEORGE ..	Holmwood, Addlestone, Surrey.
	1887 Apr. 5.	PALMER, CHARLES GEORGE, C.I.E.	{Alleyln Lodge, Alleyln Road, West Dulwich, S.E.
	1884 Dec. 2.	*PALMER, CHARLES STUART	Engineer-in-Chief's Office, Perth,
	1899 Nov. 28.	RUSSELL .. ..	Western Australia.
	1890 Apr. 1.	PALMER, FREDERICK .. ..	Port Commissioners' Office, Calcutta.
	1898 Nov. 29.		
	1870 Dec. 6.	PALMER, GEORGE .. ..	c.o. H. S. King & Co., Pall Mall, S.W.
	1879 Nov. 11.		
	1884 May 6.	PALMER, PHILIP HENRY .. ..	Boro' Engineer, Hastings.
	1897 Nov. 30.		
	1884 Feb. 5.	PARKER, CHARLES DONALD	{Dock Works, Leith, N.B.
	1896 May 19.	NAPIER .. ..	
	1890 Dec. 2.	*PARKER, JAMES ALEXANDER,	{S.E. & C. Ry., Engineer's Dept., London Bridge, S.E.
	1904 Mar. 29.	B.Sc. ( <i>Glas.</i> ) .. ..	
	1886 Mar. 2.	PARKER, JOHN DUNLOP .. ..	146 West Regent Street, Glasgow.
St ✱	1889 Dec. 3.	PARKER, THOMAS .. ..	{Manor House, Tettenhall, Wolver- hampton.
	1882 Mar. 7.	PARKES, BENJAMIN,	
	1891 May 12.	M.E. ( <i>Queen's</i> ), F.C.H. ..	{c.o. H. S. King & Co., Pall Mall, S.W.
	1880 Dec. 7.		
✱	{1880 Dec. 7.	*PARKES, CHARLES REGINALD ..	11 Tregunter Road, S.W.
	{1891 Nov. 3.		
	1900 Jan. 9.	{PARRINGTON, MATTHEW WIL- LIAM .. ..	Hill House, Monkwearmouth.

Date of Election and of Transfer.		MEMBERS.	
✠	{1875 May 4. 1879 Mar. 4.}	PARRY, EDWARD .. ..	28 Park Row, Nottingham.
	{1875 Mar. 2. 1887 Feb. 8.}	PARRY, JOSEPH .. ..	Municipal Offices, Liverpool.
	{1887 Dec. 6. 1895 Oct. 22.}	PARRY, WALTER .. ..	Waterworks, Cawnpore, India.
✠	{1894 Jan. 9. 1899 Nov. 28.}	PARRY, WILLIAM KAYE, M.A., B.A.I. ( <i>Dubl.</i> ) .. ..	63 Dawson Street, Dublin. (Parry, Dublin. 808.)
C ✠	{1895 Mar. 5. 1896 Nov. 24.}	PARSHALL, HORACE FIELD ..	{Salisbury House, London Wall, E.C. (Abscissa, London. London Wall, 301.)
✠	{1881 May 31. 1892 Dec. 13.}	*PARSONS, <i>Hon.</i> CHARLES ALGERNON, F.R.S. ( <i>Member of Council.</i> ) .. ..	Holeyn Hall, Wylam-on-Tyne.
I T m ✠	{1876 May 30. 1883 May 8.}	*PARSONS, <i>Hon.</i> RICHARD CLERE, M.A. ( <i>Dubl.</i> ) .. ..	39 Victoria Street, S.W.
	{1892 Dec. 6. 1894 May 22.}	PARSONS, WILLIAM BARCLAY ..	22 William Street, New York, U.S.
	{1901 Apr. 16. 1869 May 4.}	PARTRIDGE, GERALD WILLIAM ..	25a Cockspur Street, S.W.
	{1879 Feb. 4. 1867 May 21.}	PASSMORE, FRANK BAILEY ..	{5 Laurence Pountney Hill, E.C. (Knarf, London.) 34 Rua da Santa Luzia, Rio de Janeiro.
	{1889 Mar. 5. 1898 Dec. 20.}	PATCHELL, WILLIAM HENRY ..	{60 St. Martin's Lane, W.C. (Gerrard 2807.)
✠	{1876 Feb. 1. 1885 May 5.}	PATERSON, MALCOLM McCUL- LOCH .. ..	35 Manor Row, Bradford.
✠	{1852 Feb. 3. 1871 Dec. 19.}	PATERSON, PETER .. ..	248 Burger Street, Maritzburg, Natal.
	{1881 Dec. 6. 1893 Nov. 7.}	PATERSON, THOMAS ORMISTON ..	{Gasworks, Birkenhead. (Paterson, Birkenhead.)
	{1895 Apr. 2. 1897 Dec. 7.}	PATERSON, WILLIAM ALEX- ANDER .. ..	Eng.'s Office, Caledonian Ry., Edinburgh.
✠	{1877 May 1. 1883 May 1.}	PATTERSON, ROBERT CHARLES ..	Varuna, Hobart, Tasmania.
	{1889 Jan. 15. 1875 May 4.}	*PAWLEY, RICHARD .. ..	{Hull & Barnsley Ry., 9 Charlotte Street, Hull.
✠	{1886 Dec. 15. 1887 Apr. 5.}	PAXMAN, JAMES NOAH .. ..	{Standard Ironworks, Colchester. (Paxman, Colchester.)
	{1889 Dec. 17. 1880 May 4.}	PEACE, GEORGE HENRY .. ..	{Monton Grange, Eccles, Manches- ter.
	{1899 Nov. 28. 1884 Mar. 4.}	PEACHE, JAMES COURTHOPE ..	{Layer Marney Tower, Kelvedon. (Peaches, Birch.)
	{1891 Jan. 13. 1899 Jan. 17.}	PEACOCK, RALPH .. ..	Avon Castle, Ringwood, Hants.
	{1899 Jan. 17. 1890 Dec. 2.}	*PEAKE, ROBERT EDWARD ..	4 Great Winchester Street, E.C.
✠	{1890 Dec. 2. 1900 Feb. 20.}	*PEARCE, ALFRED .. ..	Avonmouth Docks, Bristol.
	{1861 Apr. 9. 1871 Apr. 4.}	PEARCE, JOHN CHARLES .. ..	Boston Spa, Yorkshire.
✠	{1871 Apr. 4. 1897 Feb. 2.}	*PEARSALL, HOWARD DEVENISH ..	21 Parliament Hill, Hampstead, N.W.
	{1897 Apr. 6. 1882 Feb. 7.}	PEARSON, FRED STARK .. ..	{Columbia Building (Room 220), 29 Broadway, New York, U.S.
	{1889 Feb. 5. 1900 Jan. 23.}	PEARSON, WILLIAM GREY ..	97 Cannon Street, E.C.
	{1885 Feb. 3. 1891 Jan. 13.}	*PEIRCE, ROBERT .. ..	{Croft House, Roose, Barrow-in- Furness.
t ✠	{1885 Feb. 3. 1891 Jan. 13.}	*PENNY, EDMUND, C.I.E. ...	1 Helena Road, Ealing, W.
	{1892 Dec. 6. 1874 Jan. 13.}	PENNY, LOUIS .. ..	The Cedars, East Grinstead.
✠	{1885 Feb. 24. 1895 Dec. 3.}	*PERRAM, GEORGE JAMES, C.I.E. ..	Hyderabad, Deccan, India.
	{1892 Dec. 6. 1895 Dec. 3.}	PERRIN, CHARLES .. ..	12 Cadogan Court, S.W.
	{1892 Dec. 6. 1895 Dec. 3.}	PERRY, JAMES, M.E. ( <i>Queen's</i> ) ..	County Surveyor, Galway.



	Date of Election and of Transfer.	MEMBERS.	
	1888 Apr. 10.	PETERS, CHARLES JASPER ..	3 Manor Court Road, Hanwell, W.
	1874 Dec. 1.	PETERSON, PETER ALEXANDER	Canadian Pacific Ry., Montreal.
S t ✕	{1884 Feb. 5.}	*PETTIGREW, WILLIAM FRANK ..	{Friars Dene, Abbey Road, Barrow- in-Furness.
	{1894 Jan. 16.}		
	1890 Apr. 1.	PEW, ARTHUR .. .. .	Auburn, Ala., U.S.
	1890 Mar. 4.	{PHELAN, ALFRED BERNARD, B.A. (Dubl.) .. .. .}	22 Chichele Road, Cricklewood, N.W.
	1873 Feb. 4.}	PHILLIPS, ARTHUR FREDERICK	{38 Parliament Street, S.W. (Um- berto, London.)
	1883 Apr. 24.}		
	1892 Dec. 6.	PHIPPS, CHRISTOPHER EDWARD	13 Kenilworth Road, Ealing, W.
	1891 Feb. 3.}	PIDGEON, JOHN .. .. .	{Railway Dept., Coolgardie, Western Australia.
	1899 Apr. 18.}		
	1895 Dec. 3.}	PILKINGTON, HERBERT .. ..	Sheepbridge Ironworks, Chesterfield.
	1899 Nov. 28.}		
✕	1865 May 23.	PILKINGTON, WOODFORD ..	{Brooklands Cottage, Blackheath Park, S.E.
	1874 May 5.}	PIMENTEL, JOAQUIM GALDINO	Rua dos Invalidos 95, Rio de Janeiro.
	1884 Dec. 2.}		
	1892 Dec. 6.	{PIRRIE, Rt. Hon. WILLIAM JAMES, P.C., LL.D. (Royal)}	Queen's Island, Belfast.
t ✕	{1877 Dec. 4.}	PITT, WALTER .. .. .	Newark Foundry, Bath.
	{1885 Dec. 8.}		
	1888 May 15.	PLATT, JOHN .. .. .	Hynning, Carnforth.
	1882 Mar. 7.}	*PLATT, SAMUEL SYDNEY ..	Borough Engineer, Rochdale. (165)
	1897 Mar. 2.}		
	1884 Dec. 2.	PLATTS, JOHN JOSEPH .. ..	{Hyndford House, Inglemere Road, Forest Hill, S.E.
	1896 Dec. 1.}	PLEDGE, MARTYN FENWICK DE	Nitrate Railway, Iquique, Chili.
	1902 Dec. 16.}		
	1891 Dec. 1.}	POGSON, ALFRED LEE .. ..	Admiralty New Breakwaters, Malta.
	1895 Jan. 22.}		
	1879 Mar. 6.}	*POLLARD, JOHN .. .. .	{31 Old Queen Street, Westminster, S.W. (Piezometer, London.)
	1895 Feb. 12.}		
	1885 Feb. 3.}	*POLLARD-URQUHART, MONTAGU	29 St. Andrew Square, Edinburgh.
	1894 Feb. 20.}		
	1894 May 22.}	ALEXIS .. .. .	(Meik, Edinburgh.)
	1899 Jan. 17.}	POLLITT, HARRY .. .. .	Fernlea, Bowdon, Cheshire.
	1865 May 23.}	PONTIFEX, EDMUND ALFRED ..	{6 Cadogan Court Gardens, Cadogan Place, S.W.
	1889 Apr. 30.}		
	1882 Dec. 5.}	POPKISS, RICHARD .. .. .	{Langley House, Langley Avenue Surbiton.
	1903 Dec. 22.}		
	1900 Jan. 9.	PORTER, JOHN BONSALE .. ..	McGill University, Montreal.
✕	1877 Dec. 4.	POTTER, WILLIAM FURNISS ..	16 Park Row, Leeds.
✕	1878 Feb. 5.	{*POWNALL, CHARLES ASSHETON WHATELY .. .. .}	53 Victoria Street, S.W. (Testudo, London. Victoria 778.)
T t ✕	{1894 Jan. 9.}	*PREECE, ARTHUR HENRY ..	8 Queen Anne's Gate, S.W.
	{1904 Feb. 16.}		
T t L ✕ F	{1859 May 24.}	{PREECE, Sir WILLIAM HENRY, K.C.B., F.R.S. (Past-Presi- dent.) .. .. .}	Gothic Lodge, Wimbledon, S.W. (Westminster 420 and Wimbledon 18.)
	{1871 Dec. 5.}		
	{1888 Dec. 4.}	PRESOTT, HARRY ERNEST,	44 Kensington Square, W.
	{1902 Feb. 11.}		
	1899 Feb. 7.	PREST, JOHN JOSEPH .. ..	{Hardwick Hall, Castle Eden, Dur- ham.
m	{1879 May 27.}	*PRESTON, ALFRED ELEY ..	34 Essex Street, Strand, W.C.
	{1889 May 21.}		
✕	{1891 Mar. 3.}	PRESTON, FRANCIS JOHN ..	Jubblepur, C.P., India.
	{1898 Jan. 25.}		
	1885 Feb. 3.}	PRICE, ALFRED DICKINSON,	3 Fortfield Villas, Palmerston Park, Dublin.
	1893 Dec. 12.}		
t ✕	{1888 Dec. 4.}	PRICE, JAMES, B.A.I. (Dubl.) ..	Harbour Office, Lapp's Quay, Cork.
	{1879 Dec. 2.}		
	1897 Dec. 7.}	*PRICE, JOHN .. .. .	City Surveyor, Birmingham.



Date of Election  
and of Transfer.

## MEMBERS.

T t W S	✠	1865 Dec. 5.	PRICE, WILLIAM HENRY ..	8 Yarborough Road, Southsea.
	✠	1861 Apr. 9.	PRICE-WILLIAMS, RICHARD ..	{ 6 Queen Anne's Gate, Westminster, S.W. (Spandrel, London.)
		1889 Dec. 3.	*PRICE - WILLIAMS, SEYMOUR	{ James Mansergh & Sons, 5
		1903 Dec. 22.	WILLIAM.. .. .	{ Victoria Street, S.W.
		1886 Feb. 2.	*PRIEST, FRANK EDWARD ..	{ 13 Harrington Street, Liverpool.
		1896 Dec. 15.		{ (6889.)
		1886 Mar. 2.	PRIESTLEY, CHARLES HENRY..	Waterworks Engineer, Cardiff.
		1902 Apr. 15.		
		1863 Mar. 3.	PRINCE, HENRY .. .. .	11 Clanricarde Gardens, W.
		1873 Dec. 6.		
		1883 May 29.	PRINDLE, FRANKLIN COGSWELL	Navy Dept., Washington, U.S.
		1904 Feb. 2.	PRINGLE, ALBERT JAMES ..	160 Hope Street, Glasgow.
		1890 May 6.	*PRITCHARD, THOMAS .. ..	{ 264 Gresham House, Old Broad
		1904 Apr. 12.		{ Street, E.C.
		1877 May 29.	PROCTOR, JONAS .. .. .	Mere Lawn, Bolton.
	1889 Dec. 3.	*PROUSE, ARTHUR DUNCAN ..	Harbour Works, Colombo, Ceylon.	
	1902 Apr. 29.			
	1886 Jan. 12.	PRYCE, HENRY JAMES .. ..	{ 54 Filey Avenue, Stoke Newington, N.	
	1898 Apr. 5.			
	1896 Dec. 1.	*PRYDE, JOHN .. .. .	{ Fairview, Mountfield Road, Church	
	1902 Dec. 16.		{ End, Finchley, N.	
	1883 Jan. 9.	*PURDON, HENRY ATWELL ..	{ 14 Artillery Mansions, Victoria St.,	
	1890 May 20.		{ S.W.	
	1860 Feb. 7.	PURSER, EDWARD .. .. .	Ottoman Railway, Smyrna. [E.C.	
	1898 Dec. 6.	PYNE, Sir THOMAS SALTER, C.S.I.	c.o. G. Allan & Co., 13 Austin Friars,	
		1873 Feb. 4.	QUELOH, ROBERT JAMES ..	66 Bromfelde Road, Clapham, S.W.
		1879 Jan. 7.		
		1870 Dec. 6.	QUICK, JOSEPH.. .. .	1 Great George Street, S.W.
		1875 Dec. 7.	QUIGLY, RICHARD, M.A. (Dubl.)	Willowmore, Cape Colony.
		1882 Mar. 28.		
✠		1870 Feb. 1.	QUINETTE DE ROCHEMONT,	{ Rue de Marignan 18, Paris.
		1883 May 22.	Baron EMILE THEODORE ..	
		1863 Mar. 3.	RADFORD, GEORGE KENT ..	2312 Warring St., Berkeley, Cal., U.S.
		1891 Mar. 3.	*RAILTON, ALAN .. .. .	{ Tanjong-Pagar Dock Co., Singa- pore, S.S.
		1904 Mar. 22.		
t ✠		1876 Apr. 4.	RAMSAY, JAMES .. .. .	{ Listoke, St. Stephen's Road, Ealing, W.
		1881 Apr. 5.	RAMSDEN, JOHN .. .. .	Dane Croft, Holmes Chapel.
		1864 Mar. 1.	RANSOME, ALLEN .. .. .	1 James Street, Lincoln.
		1877 May 29.		
		1886 Jan. 12.	*RANSOME, JAMES STAFFORD ..	Box 455, Johannesburg, Transvaal.
		1898 Nov. 29.		
m ✠		1888 May 15.	*RANSOME, LEWIS HENRY ..	Farndon, Newark-on-Trent.
		1897 Nov. 30.		
		1895 Jan. 8.	RAWORTH, JOHN SMITH ..	{ 46 Christchurch Road, Streatham Hill, S.W.
		1890 May 4.	*RAYNES, THOMAS .. .. .	{ Waterworks, Johannesburg, Trans- vaal.
		1901 Dec. 11.		
		1891 Feb. 3.	REA, SAMUEL .. .. .	{ Pennsylvania Rlrd., Broad Street Station, Philadelphia, Pa., U.S.
		1887 May 24.	REAY, THOMAS PURVIS ..	Airedale Foundry, Leeds.
		1902 Feb. 4.	REDNALL, FRANCIS THOMAS ..	{ Charing Cross, Euston & Hamp- stead Ry., 30 Euston Square, N.W.
		1873 Dec. 2.	REE, HENRY STRUTT COLLETTE	{ New Dock Works, Cardiff Ry., Cardiff.
		1885 Dec. 1.		

Date of Election and of Transfer.		MEMBERS.	
L	1870 Mar. 1.	{ REED, <i>Sir</i> EDWARD JAMES, K.C.B., F.R.S., M.P. .. .. }	Broadway Chambers, Westminster, S.W. (Carnage, London.)
✠	{ 1891 Dec. 1. 1902 Feb. 11. }	* REED, HENRY ASHMAN .. ..	{ H.M. Dockyard Extension, Gib- raltar.
	1885 Dec. 1.	REES, ITHEL TREHARNE .. ..	{ Guildhall Chambers, Cardiff. (Mining, Cardiff.)
	1879 Feb. 4. }	REES, TOGARMAH .. ..	{ Corn Exchange Chambers, Newport, Mon.
	1886 May 11. }		
	1887 Dec. 6. }	REEVE, HENRY, C.M.G. ... ..	{ c.o. St. Stephen's Club, Westminster, S.W.
	1903 Jan. 13. }		
	1876 Jan. 11. }	REICHENBACH, OSCAR .. ..	The Hollies, Crawley, Sussex.
	1880 Apr. 13. }		
	1868 Apr. 7.	REID, GEORGE LOWE .. ..	33 Montpellier Crescent, Brighton.
	1901 Mar. 5.	REID, HERBERT CARTWRIGHT	{ Superintending Civil Engineer, H.M. Dockyard, Malta.
	1897 Jan. 12.	REID, HUGH .. ..	{ Neilson, Reid & Co., Hyde Park Locomotive Works, Glasgow.
	1886 Mar. 2. }	* REID, KENNETH .. ..	Ferrocarril, San José, Costa Rica.
	1895 Oct. 22. }		
	1862 May 6.	{ RENDEL, <i>Sir</i> ALEXANDER MEADOWS, K.C.I.E., M.A. ( <i>Cantab.</i> ) .. .. }	{ 8 Great George Street, S.W. (Suk- kur, London.)
	1888 Dec. 4.	RENDELL, ALAN WOOD .. ..	82 York Road, King's Cross, N.
t ✠	{ 1857 Mar. 3. 1860 Mar. 6. }	RENNIE, GEORGE BANKS .. ..	20 Lowndes Street, S.W.
	1886 Apr. 6. }	* RENTON, ALEXANDER CRAIG, } B.Sc. ( <i>Edin.</i> ) .. ..	Courtburn, Coldingham, Berwick- shire.
	1902 Dec. 16. }		
✠	1886 May 18.	RESTLER, JAMES WILLIAM .. ..	{ Southwark & Vauxhall Water Co., Southwark Bridge Road, S.E.
	1887 Dec. 6. }	REUNERT, THEODORE .. ..	Box 92, Johannesburg, Transvaal.
	1899 Feb. 7. }		
	1879 May 6. }	* REYNOLDS, GEORGE BERNARD	{ c.o. Grindlay & Co., Parliament Street, S.W.
	1892 Nov. 22. }		
L t ✠	1883 Dec. 4.	{ REYNOLDS, <i>Professor</i> OSBORNE, M.A. ( <i>Cantab.</i> ), LL.D. ( <i>Glas.</i> ), F.R.S. .. .. }	Fallowfield, Manchester.
	1875 Dec. 7. }	REYNOLDS, PLAYFORD .. ..	Bryncam, The Park, Cheltenham.
	1883 Nov. 6. }		
	1890 May 6.	RHODES, CHARLES EDWARD .. ..	Aldwarke Main Colliery, Rotherham.
	1887 Dec. 6. }	RHODES, JOHN HENRY HORACE } WENTWORTH .. ..	Highfield, Beeston Royd, Leeds.
	1893 Nov. 7. }		
	1897 Dec. 7.	RICE, EDWIN WILBUR, JUN. .. ..	Schenectady, New York, U.S.
	1871 May 2. }	RICE, JAMES .. ..	{ The Nutshell, Cheam Road, Sutton, Surrey.
	1883 Nov. 20. }		
	1904 Feb. 2.	RICH, WILLIAM .. ..	Trevu, Camborne, Cornwall.
	1878 May 7. }	RICHARD, HENRY JOSEPH .. ..	67 Gordon Road, Ealing, W.
	1889 Nov. 15. }		
	1881 Apr. 5.	RICHARDS, EDWARD WINDSOR	{ Plás Llecha, Tredunnoch, Caerleon, Mon.
✠	{ 1888 Dec. 4. 1902 Jan. 28. }	RICHARDS, RICHARD WATKINS .. ..	{ Mutual Life of New York Building, Martin Place, Sydney, N.S.W.
	1887 Jan. 11.	RICHARDS, THOMAS .. ..	Nundydroog Co., Oorgaum, Mysore,
	1865 Feb. 7. }	RICHARDSON, JOHN .. ..	Well Royd, Rawdon, Leeds. [India.
	1879 Feb. 4. }		
C ✠	1894 Apr. 3.	RICHARDSON, JOHN .. ..	Globe Works, Lincoln.
	1872 Dec. 3. }	RICHARDSON, WILLIAM PELHAM	{ Broadlands House, Brockenhurst, Hants.
	1887 Oct. 25. }		
	1879 Mar. 4. }	RICHES, TOM HURRY .. ..	Taff Vale Railway, Cardiff.
	1882 Jan. 10. }		
	1868 Apr. 7.	RICHMOND, DAVID, B.A. ( <i>Dubl.</i> )	{ Victoria Place, Warrenpoint, co. Down.
	1876 May 2. }	RICHMOND, JAMES .. ..	Govt. Rys., Kingston, Jamaica.
	1891 Nov. 3. }		

Date of Election  
and of Transfer.

## MEMBERS.

	1904 Feb. 2.	{ RICKETTS, PALMER CHAMBER- LAINE .. .. . }	Troy, New York, U.S.
	1896 Mar. 3.		
	1902 Mar. 18.	RIDER, JOHN HALL .. ..	{ L.C.C. Tramways, 303 Camberwell New Road, S.E. }
t ✕	{ 1866 Dec. 4. 1874 Nov. 17. }	RIDLEY, WILLIAM .. ..	39 Victoria Street, S.W.
	1891 Dec. 1.	*RIGBY, HERBERT PETER	
	1901 Apr. 23.	BARROW .. .. .	{ Main Drainage, Cape Town, C.C. }
	1876 Feb. 1.		
	1883 Mar. 13.	RIGBY, JASON, B.A. ( <i>Dubl.</i> ) ..	{ c.o. Buenos Aires and Rosario Ry. Co., 3A Coleman Street, E.C. }
	1872 May 14.		
	1882 Nov. 7.	RIGG, HENRY .. .. .	{ Alexander Fletcher & Co., 2 St. Helen's Place, E.C. }
	1897 Dec. 7.	RILEY, WILLIAM EDWARD ..	{ London County Council, Spring Gardens, S.W. }
t ✕	1893 Dec. 5.	RIPPER, <i>Professor</i> WILLIAM ..	University College, Sheffield.
m ✕	{ 1880 May 25. 1901 Dec. 17. }	*RITSO, BERNARD WILLIAM ..	P.W.D., Cape Town, C.C.
✕	{ 1875 May 4. 1902 Mar. 11. }	RIVERS, EDWARD GEORGE, I.S.O.	{ H.M. Office of Works, Storey's Gate, Westminster, S.W. }
	1903 Mar. 3.	ROBERTS, DAVID EVAN .. ..	59 Queen Street, Cardiff.
	1884 Apr. 1.		
	1899 Dec. 12.	ROBERTS, MARTIN FENN .. ..	Mabshill, Epsom.
	1887 Mar. 1.		
	1896 Nov. 16.	ROBERTS, THOMAS .. .. .	Govt. Rys., Adelaide, S. Australia.
	1870 May 3.		
	1879 Mar. 25.	ROBERTS, WILLIAM .. .. .	{ 831 Salisbury House, Finsbury Circus, E.C. }
	1893 Feb. 7.		
	1898 Feb. 1.	ROBERTS, WILLIAM .. .. .	Highland Ry., Inverness.
t ✕	{ 1874 Dec. 1. 1890 Feb. 25. }	ROBERTSON, FREDERICK EWART, C.I.E. .. ..	{ 8 Great George Street, S.W. (Suk- kur, London.) }
	1887 Feb. 1.		
	1893 Apr. 18.	ROBERTSON, JAMES ROBERT ..	Fairkytes, Hornchurch, Essex.
m ✕	{ 1889 Dec. 3. 1901 Feb. 19. }	*ROBERTSON, LESLIE STEPHEN	{ 28 Victoria Street, S.W. (Eyebolts, London.) }
✕	{ 1886 May 4. 1894 Dec. 11. }	*ROBERTSON, ROBERT, B.Sc. ( <i>Edin.</i> ) .. ..	154 West George Street, Glasgow.
	1904 Jan. 12.	ROBINSON, ARTHUR WELLS ..	{ 14 Phillip Square, Montreal, Canada. }
	1893 Dec. 5.	ROBINOW, FRANK .. .. .	4 Mount Street, Berkeley Square, W.
	1872 May 7.		
	1885 Dec. 15.	*ROBINSON, CHARLES EDWARD	Selborne, Ashburton, S. Devon.
	1875 Apr. 6.		
	1895 Jan. 8.	ROBINSON, FRANK EDWARD ..	13 Victoria Street, S.W.
t ✕	{ 1864 Feb. 2. 1868 Feb. 18. }	ROBINSON, <i>Professor</i> HENRY ..	{ Parliament Mansions, Victoria Street, S.W. }
T t ✕	{ 1866 Mar. 6. 1872 Apr. 30. }	ROBINSON, JOHN .. .. .	8 Vicarage Terrace, Kendal.
	1896 Jan. 14.	ROBINSON, JOHN FREDERICK ..	17 Victoria Street, S.W.
	1902 Jan. 14.	ROBINSON, JOHN GEORGE ..	Boothdale, Fairfield, Manchester.
	1893 May 2.	ROBINSON, MARK HEATON ..	Overslade, Rugby.
	1876 Dec. 5.	ROBINSON, ROBERT .. .. .	Darlington.
	1884 May 27.	ROBINSON, <i>Professor</i> WILLIAM,	
	1900 Mar. 27.	M.E. ( <i>Queen's</i> ) .. .. .	{ Dalriada, Alexandra Park, Notting- ham. }
	1894 Dec. 4.		
	1903 Feb. 24.	ROBSON, JOHN JAMES .. ..	335 High Holborn, W.C.
	1885 May 19.		
	1895 May 14.	*ROBSON, OLIVER CLAUDE ..	{ Public Offices, Dyne Road, Kilburn, N.W. }
	1875 May 11.	ROCHE, GEORGE BYLAND ..	{ 146 Church Rd., Upper Norwood, S.E. }
t ✕	{ 1886 Feb. 2. 1901 Dec. 11. }	ROECHLING, HERMAN ALFRED	39 Victoria Street, S.W.



Date of Election and of Transfer.		MEMBERS.	
1878 May 7.	ROFE, HENRY .. .. .	{	8 Victoria Street, S.W. (Filliter Rofe, London.)
✠ 1878 May 7.	ROFF, GEORGE LENTON .. ..	{	44 Kensington Park Gardens, W.
1899 Dec. 5.	{ ROGERS, ARTHUR BURDEN CAMPBELL .. .. . }	{	Municipality, Agra, N.W.P., India.
1896 Dec. 1.	ROGERS, HERBERT MALCOLM ..	{	Redcliffe, Durham Avenue, Bromley,
1902 Dec. 2.		{	Kent.
1901 Mar. 5.	{ ROGERS, RICHARD BIRDSALL, B.A.Sc. (McGill) .. .. }	{	Trent Canal, Peterborough, Ont., Canada.
1903 Jan. 13.	ROGERS, TOM HUGH GODDARD	{	The Dockyard, Liverpool.
m ✠ { 1885 Feb. 3. } *	ROOPER, WALTER OSMOND ..	{	Horcott House, Fairford, Glos.
{ 1903 Mar. 31. }	ROSE, WILMOT JAMES .. ..	{	Govt. Rys., Cradock, Cape Colony.
1880 Dec. 7.		{	Govt. Rys., Cradock, Cape Colony.
✠ 1880 May 25.	{ ROSS, ALEXANDER (Member of Council.) .. .. }	{	G. N. Ry., King's Cross, N.
1882 Dec. 5.	ROSS, DAVID JAMES .. ..	{	Engineer's Office, Guildhall, E.C.
1895 Jan. 15.		{	Engineer's Office, Guildhall, E.C.
1895 Dec. 3.	ROSS, WILLIAM, B.E. (Royal)	{	56 Dallas Road, Lancaster.
1903 Feb. 17.		{	56 Dallas Road, Lancaster.
1888 Apr. 10.	ROTHWELL-JACKSON, CHARLES	{	Moorfield, Bolton. (34.)
1891 Jan. 20.	LOXTON .. .. .	{	Moorfield, Bolton. (34.)
1895 Jan. 8.	ROUNTHWAITE, RICHARD SEP-	{	3 Willis Street, Wellington, New
1903 Dec. 22.	TIMUS .. .. .	{	Zealand.
1860 Apr. 3.	ROUSE, HENRY JAMES .. ..	{	13 Sussex Place, Regent's Park, N.W.
1894 Jan. 9.	ROUTH, REGINALD SAMUEL JOHN	{	Assam-Bengal Ry., Haflong, Cachar, India.
1895 Feb. 5.	ROUTLEDGE, WILLIAM HENRY	{	Woodfield Park, Blackwood.
1898 Dec. 6.	ROWAN, JAMES .. .. .	{	231 Elliot Street, Glasgow.
✠ { 1895 Feb. 5. }	ROWBOTHAM, JAMES MCKEAN	{	Calle Corrientes 951, Buenos Aires.
{ 1902 Dec. 2. }		{	Calle Corrientes 951, Buenos Aires.
t ✠ 1888 Dec. 4.	ROWLANDSON, CHARLES ARTHUR	{	Great Central Ry., Manchester.
1884 Dec. 2.	ROWLEY, WALTER .. .. .	{	20 Park Row, Leeds. (Walter Rowley, Leeds.)
1881 Dec. 6.	RUMSBY, ERNEST JAMES ..	{	13 Landgrove Road, Wimbledon
1896 Mar. 10.		{	Park.
1875 Dec. 7.	RUNDALL, JAMES WILLIAM ..	{	60 Marlborough Mansions, West Hampstead, N.W.
1881 Dec. 6.	RUSSELL, JOHN .. .. .	{	15 Victoria Street, S.W.
1885 Feb. 3.	RUSSELL, NORMAN SCOTT ..	{	39 Coleman Street, E.C.
1888 Feb. 7.	RUTTAN, HENRY NORLANDE ..	{	City Engineer, Winnipeg, Canada.
✠ { 1886 Apr. 6. }	*RUTTER, HENRY FILLMER ..	{	West Middlesex Waterworks, Ham-
{ 1901 Feb. 19. }		{	mersmith, W.
1884 May 6.	{ RYAN, JOHN HENRY, M.A. (Dubl.) .. .. }	{	22 Nassau Street, Dublin. (Mice, Dublin.)
1887 Dec. 6.	RYAN, ROBERT HENRY .. ..	{	c.o. Agent-General for N.S.W., Victoria Street, S.W.
1894 May 1.	SADLER, HENRY WILLIAM ..	{	G.N. Ry., Eng.'s Office, King's Cross, N.
1881 May 31.	*ST. CLAIR, Hon. LOCKHART	{	Grindlay & Co., Parliament St., S.W.
1903 Feb. 10.	MATTHEW, C.I.E. .. ..	{	Grindlay & Co., Parliament St., S.W.
✠ { 1877 Feb. 6. }	ST. GEORGE, PERCIVAL WALTER	{	151 St. James's Street, Montreal, Canada.
{ 1887 Feb. 1. }		{	151 St. James's Street, Montreal, Canada.
1887 May 24.	SAISE, WALTER, D.Sc. (Lond.).	{	East Indian Ry., Giridih, Bengal.
1904 Jan. 12.	SALMON, CHARLES .. .. .	{	"Oakhurst," Erith, Kent.
1878 Apr. 2.	SALTER, JOHN .. .. .	{	10 Montrose Avenue, Redland,
1879 Apr. 8.		{	Bristol.
1888 Dec. 4.	SAMPSON, JOHN .. .. .	{	36 Victoria Street, S.W.
1893 Mar. 28.		{	36 Victoria Street, S.W.
T t ✠ 1869 May 4.	{ SAMUELSON, Right Hon. Sir BERNHARD, Bart., P.C., F.R.S. }	{	56 Prince's Gate, S.W.
1882 Dec. 5.	SAMUELSON, ERNEST .. ..	{	Bodicote Grange, Banbury.
1893 Mar. 14.		{	Bodicote Grange, Banbury.



Date of Election and of Transfer.		MEMBERS.	
T t	✠ {1866 Dec. 4. 1894 Nov. 7.}	SANDBERG, CHRISTER PETER ..	{9 Bridge Street, Westminster, S.W. (Sandberg, London.)
C	✠ {1888 Feb. 7. 1897 Jan. 12.}	*SANDEMAN, EDWARD .. ..	{Derwent Valley Water Board, Bam- ford, Sheffield.
	✠ 1873 Feb. 4.	SANDEMAN, JOHN WATT ..	{2 St. Nicholas Buildings, Newcastle- on-Tyne.
	1881 Feb. 1.	SANDIFORD, CHARLES, C.B. ..	Uganda Ry., Mombasa, East Africa.
	✠ {1890 Dec. 2. 1896 Nov. 24.}	*SANER, JOHN ARTHUR .. ..	Weaver Navigation, Northwich.
T t	✠ 1895 Feb. 5.	{SANKEY, MATTHEW HENRY PHINEAS RIALI, <i>Capt. R.E. ret.</i> }	Victoria Works, Rugby.
	1882 Dec. 5.	SANTOS, JOSÉ AMERICO DOS ..	{Caixa 748, Rio de Janeiro. (Zamerico, Rio.)
	✠ {1876 Jan. 11. 1880 Dec. 21.}	*SAWYER, ERNEST EDWARD, .. ..	20 Devonshire Terrace, Lancaster Gate, W.
	1877 May 29.	SAWYER, FREDERIC HENRY READ	{Engenho "Villa Raffard," Capi- vary, São Paulo, Brazil.
	1887 Nov. 15.	SAWYER, FREDERIC HENRY READ	Harbour Office, Swansea.
	1885 May 19.	SCHENK, AUGUSTUS OSWALD ..	Harbour Office, Swansea.
	1896 Feb. 4.	{SCHNOOR, EMILIO ARMANDO HENRIQUE .. .. .}	Rua S. Bento 30, São Paulo, Brazil.
	1891 Feb. 3.	SCHUYLER, JAMES DIX .. ..	{Stimson Building, Los Angeles, Cali- fornia, U.S.
	1883 Dec. 4.	SCOONES, THOMAS JAMES ..	3 Unity St., College Green, Bristol.
	1888 Feb. 21.	SCOONES, THOMAS JAMES ..	3 Unity St., College Green, Bristol.
	1889 May 21.	*SCORGIE, NORMAN .. .. .	Town Hall, Hackney, N.E.
	1901 Feb. 19.	*SCORGIE, NORMAN .. .. .	Town Hall, Hackney, N.E.
	1897 Apr. 6.	SCORRAR, JORGE BLACK ..	{Rua Duque de Caxias 29, São Paulo, Brazil.
t	✠ {1890 Apr. 1. 1897 Mar. 2.}	SCOTT, ADAM .. .. .	Admiralty Works, Gibraltar.
	1896 Dec. 1.	{SCOTT, FREDERICK WILLIAM MORTIMER .. .. .}	P.W.D., Nagpur, C.P., India.
	1892 Feb. 2.	SCOTT, GEORGE HALL .. ..	{Keyham Dockyard Extension, Devonport.
	1900 Dec. 18.	SCOTT, GEORGE HALL .. ..	{Keyham Dockyard Extension, Devonport.
	1901 Apr. 2.	SCOTT, JOHN .. .. .	{District Engineer, Port Commission, Calcutta.
	1870 May 3.	SCOTT, PETER .. .. .	S. Mahratta Ry., Dharwar, Bombay.
	1888 Jan. 10.	*SCOTT, Professor ROBERT	{Canterbury College, Christchurch, N.Z.
	1899 Dec. 12.	JULIAN .. .. .	{Canterbury College, Christchurch, N.Z.
	1872 May 7.	SCOTT, WALTER HENRY ..	Park Road, East Molesey.
	1891 Feb. 3.	SCOTT, WILLIAM BELLHOUSE ..	Eversley Cottage, Middleton, Lancs.
	1870 Dec. 6.	SCOTT, WILLIAM GEORGE ..	26 Dingle Lane, Liverpool.
	1877 Oct. 30.	SCOTT, WILLIAM GEORGE ..	26 Dingle Lane, Liverpool.
	1873 Jan. 14.	SCOTT, WILLIAM HENRY ..	Casterton, Victoria.
	1885 Dec. 15.	SCOTT, WILLIAM HENRY ..	Casterton, Victoria.
	✠ 1885 Dec. 1.	SEATON, ALBERT EDWARD ..	{32 Victoria Street, S.W. (Seaquake, London. Victoria 207.)
	1881 Jan. 11.	SEATON, EDWARD PARKE ..	{Metropolitan Railway, 32 West- bourne Terrace, W,
	1892 Mar. 15.	SEATON, EDWARD PARKE ..	{Metropolitan Railway, 32 West- bourne Terrace, W,
	1880 Dec. 7.	SELFE, NORMAN .. .. .	279 George Street, Sydney, N.S.W.
	1884 May 6.	{SELLERS, COLEMAN, D.E. ( <i>Stevens Inst., N.J., U.S.</i> ) D.Sc. ( <i>Penn.</i> ) .. .. .}	1304 Stephen Girard Building, Philadelphia, U.S.
	1887 Dec. 6.	SELLERS, WILLIAM .. .. .	Philadelphia, U.S.
	1886 Mar. 2.	SELLON, STEPHEN PRESCOTT	36 Victoria Street, S.W.
	1903 Dec. 22.	WHITE D'ALTE .. .. .	36 Victoria Street, S.W.
	1882 Feb. 7.	*SELLS, CHARLES DE GRAVE ..	Cornigliano, Ligure, Italy.
	1895 Nov. 5.	*SELLS, CHARLES DE GRAVE ..	Cornigliano, Ligure, Italy.
	1864 Feb. 2.	SEWELL, PHILIP EDWARD ..	Clare House, Norwich.
	1878 Feb. 5.	SEWELL, WILLIAM .. .. .	{Manor Office, North Bridge Street Sunderland.
T t	✠ 1880 Jan. 13.	SEYRIG, THEOPHILUS .. ..	43 Rue de Rome, Paris.
	1877 May 29.	*SHADBOLT, ERNEST IFILL ..	Grindlay, Groom & Co., Bombay.
	1890 Nov. 11.	*SHADBOLT, ERNEST IFILL ..	Grindlay, Groom & Co., Bombay.

	Date of Election and of Transfer.	MEMBERS.	
T t ✕	1893 Dec. 5.	SHANKLAND, EDWARD CLAPP	The Rookery, Chicago, Ill., U.S.A.
	1880 May 4.	*SHARP, FREDERICK .. ..	{c.o. H. S. King & Co., 65 Cornhill,
	1896 Feb. 25.		{E.C.
	1877 Dec. 4.	SHAW, ARTHUR EDMUND ..	{Sumner & Co., Paseo de Julio 102,
	1882 Feb. 14.		{Buenos Aires, Argentina.
	1894 Feb. 6.	SHAW, PERCY WILLIAM ... ..	{Tramway Construction Dept., Syd-
	1904 Apr. 19.		{ney, N.S.W.
	1879 Feb. 4.	*SHAW, SAM .. ..	Dewsbury.
	1899 Mar. 7.	{SHAW, WILLIAM ROBERT,	152 Church Road, Upper Norwood,
✕	1902 Jan. 14.	{M.E. (Royal) .. ..	{S.E.
t ✕	{1845 May 6.	SHEARS, WILLIAM .. ..	23 Kempshott Road, Streatham, S.W.
	{1877 May 8.		
	1885 Dec. 1.	SHEDLOCK, OCTAVIUS JAMES..	{Grindlay & Co., Parliament St.,
	1894 Nov. 6.		{S.W.
✕	{1856 Apr. 1.	SHEILDS, FRANCIS WEBB WENT-	Brentwood, Sholing, Southampton.
	{1859 Dec. 6.	WORTH- .. ..	
	1892 Jan. 12.	SHELDON, WILLIAM JOHN ..	São Paulo Ry., São Paulo, Brazil.
	1900 Dec. 19.		
✕	{1897 Mar. 2.	*SHELFORD, FREDERIC,	{35A Great George Street, S.W.
	{1902 Feb. 11.	B.Sc. (Lond.) .. ..	{(Usefulness, London.)
T t W ✕	{1866 Apr. 10.	{SHELFORD, Sir WILLIAM,	{35A Great George Street, S.W.
		{K.C.M.G. (Member of Council.)	{(Usefulness, London.)
✕	{1882 Dec. 5.	*SHELLSHEAR, WALTER .. ..	{Ry. Dept., Bridge Street, Sydney,
	{1892 May 3.		{N.S.W.
	1888 Feb. 7.	SHERLOCK, HENRY ALEXANDER	
	1893 Apr. 18.	GEORGE .. ..	G. E. Ry., Cambridge.
	1875 Dec. 7.	SHERMAN, WILLIAM HANBURY	
	1882 Nov. 7.	PITTINGAL .. ..	Grindlay & Co., Parliament St., S.W.
	1885 Dec. 1.	*SHIELD, ARTHUR HINDHAUGH .	35A Great George Street, S.W.
	1901 Dec. 11.		
	1866 Jan. 9.	SHIELD, HENRY .. ..	Fawcett, Preston & Co., Liverpool.
	1870 Dec. 6.		
✕	{1871 Mar. 7.	*SHIELD, WILLIAM, F.R.S.E. ..	{33 Old Queen Street, Westminster,
	{1879 Jan. 14.		{S.W.
	1889 May 7.	SHIELD, WILLIAM .. ..	{19 North Side, Clapham Common,
			{S.W.
t ✕	{1864 Feb. 2.	SHOOLBRED, JAMES NELSON,	47 Victoria Street, S.W.
	{1876 May 9.	B.A. (Lond.) .. ..	
	1891 Dec. 1.	*SHOOSMITH, HARRY .. ..	Wynford, Abbey Wood, Kent.
	1900 Jan. 23.		
	1877 Dec. 4.	*SHORES, JOHN WALLIS, C.M.G.	{Chief Engineer, Govt. Rys., Maritz-
	1890 Mar. 18.		{burg, Natal.
	1877 May 1.	SHORTT, CHARLES HENRY ..	{Bramcote, Bramcote Road, Putney,
	1893 Mar. 28.		{S.W.
	1887 Dec. 6.	*SIBBERING, GEORGE THOMAS ..	{Engineer, Taff Vale Railway, Car-
	1896 Mar. 31.		{diff.
t ✕	{1869 Feb. 2.	SICCAMA, HARCO THEODORUS	Yvoire par Nernier, Haute Savoie,
	{1879 Jan. 28.	HORA .. ..	{France.
	1873 Feb. 4.	*SIEMENS, ALEXANDER	
	1890 Nov. 25.	(Member of Council.) .. ..	{12 Queen Anne's Gate, S.W. (Sie-
T t ✕	1870 May 24.	SIEMENS, CARL .. ..	{mens, London. Westminster 99.)
	1887 Feb. 1.	*SILCOCK, EDWARD JOHN ..	{10 Park Row, Leeds. (Theodolite,
	1901 Feb. 26.		{Leeds.)
	1888 Apr. 10.	*SILK, ALBERT EDWARD ..	Bengal Secretariat, Calcutta.
	1897 Nov. 30.		
	1879 Feb. 4.	SILVA, DOMINGOS SERGIO DE	Rua Christovão Colombo, Rio de
	1888 Feb. 14.	SABOIA E .. ..	{Janeiro.
	1880 Feb. 3.	SIM, CHARLES LOUIS .. ..	Cranbourne Lodge, Hendon, N.W.
	1891 Dec. 8.		
	1883 May 1.	SIMMONS, JOHN .. ..	Bank Chambers, Doncaster.
	1890 Nov. 11.		

Date of Election and of Transfer.	MEMBERS.		
1881 May 3.	SIMON, FREDERICK .. ..	4 Colville Gardens, Bayswater, W.	
1868 Feb. 4.	} SIMPSON, ARTHUR TELFORD ..	38 Parliament Street, S.W.	
1874 Apr. 14.			
1875 Jan. 12.	} SIMPSON, BENJAMIN CRISPIN ..	{ 5 Westminster Palace Gardens, Victoria Street, S.W.	
1888 Jan. 17.			
1882 May 2.	} SIMPSON, DAVID CARNEJY ..	Govt. Rys., Redfern, Sydney, N.S.W.	
1893 Feb. 7.			
1890 Dec. 2.	} SIMPSON, EDWARD MARSH ..	{ c.o. H. B. Simpson, 79 Platts Lane, Hampstead, N.W.	
1903 Feb. 10.			
1885 May 19.	SIMPSON, JAMES THOMAS ..	{ 34 St. Charles Square, N. Ken- sington, W.	
† 1870 Feb. 1.	SIMPSON, JOHN BELL .. ..	Bradley Hall, Wylam-on-Tyne.	
1904 Jan. 12.	SIMS, THOMAS .. ..	8 Alleyn Road, Dulwich, S.E.	
1887 Mar. 1.	*SIMSON, DAVID .. ..	{ Casilla de Correo 741, F.C. Oeste, Buenos Aires.	
1897 Nov. 30.			
1879 Dec. 2.	} SINGLE, JOHN GODFREE .. ..	1 The Esplanade, Plymouth.	
1885 Nov. 10.			
1876 Mar. 7.	*SKETCHLEY, HENRY GOULTON	F. C. del Sud, Buenos Aires.	
1888 Nov. 27.			
1861 Dec. 3.	} SLESSOR, FREDERICK GEORGE	Easterlands, Wellington, Somerset.	
1865 Jan. 17.			
1888 Feb. 7.	SMAIL, JOHN MOORE .. ..	{ Water Supply & Sewerage Dept., Sydney, N.S.W. [N.S.W.	
1897 Dec. 7.	SMALL, FREDERICK HENRY ..	Wellington Street, Bondi, Sydney, River Plate House, Finsbury Circus, E.C. (Smelt, London. London Wall 1000.)	
1886 Feb. 2.	*SMELT, JOHN DANN .. ..	{ 53 Rue du Chatelain, Avenue Louise, Brussels.	
1899 Jan. 17.			
1882 Dec. 5.	SMITH, EDMUND CASWELL ..	3 Newhall Street, Birmingham.	
1888 Nov. 20.	BOWYER .. ..		
1876 May 30.	} SMITH, ALEXANDER .. ..	12 Claremont Terrace, Sunderland.	
1878 May 14.			
1894 Dec. 4.	*SMITH, ALEXANDER ARTHUR	{ Chartham, Lonsdale Road, Barnes, S.W.	
1902 Apr. 29.			
1882 Mar. 7.	} SMITH, ARTHUR KEEN .. ..	Trevandrum, Travancore, India.	
1900 Mar. 27.			
1885 Feb. 3.	*SMITH, CECIL ARCHIBALD ..	{ Metropolitan Board of Water Supply and Sewerage, Sydney, N.S.W.	
1901 Dec. 11.			
1885 Jan. 13.	} SMITH, CHARLES WALTER ..	F.C. Central, Asuncion, Paraguay.	
1895 Oct. 22.			
1887 Feb. 1.	} SMITH, CYRIL .. ..	{ Canal Engineer's Office, Trent & Mer- sey Navigation, Stoke-on-Trent.	
1904 Apr. 19.			
1877 Feb. 6.	} SMITH, EDWARD BLAKEWAY ..	{ L. & N.W. Ry., Vauxhall, Birming- ham.	
1891 Jan. 27.			
1889 May. 7.	*SMITH, EDWARD MARTIN ..	South Indian Railway, Trichinopoly.	
1895 Mar. 26.			
1872 May 7.	} SMITH, FRANCIS FREDERICK ..	{ Engineer's Office, G.W. Ry., Pad- dington, W.	
1879 Nov. 11.			
† 1893 Dec. 5.	*SMITH, HAROLD DUKE .. ..	101 Grosvenor Road, S.W.	
1903 Feb. 17.			
1884 Dec. 2.	} SMITH, HENRY .. ..	Rossland, British Columbia.	
1893 Nov. 14.			
1887 Feb. 1.	} SMITH, HENRY BADELEY ..	44! Alleyn Road, West Dulwich, S.E.	
1889 May 14.			
1881 Dec. 6.	*SMITH, HERBERT BLOMFIELD	{ County Surveyor, Ballinasloe, Ire- land.	
1896 Mar. 17.			
1891 May 5.	*SMITH, JOHN, B.E. (Royal) ..	Rhine Hill, Stratford-on-Avon.	
1897 Jan. 12.			
† 1868 Mar. 3.	SMITH, JOSIAH TIMMIS .. ..	Ottawa, Canada.	
† 1866 May 1.	} SMITH, MARCUS .. ..	{ 41 Parliament Street, S.W. (Urban Smith, London.)	
1874 May 5.			
1874 Apr. 14.	} SMITH, URBAN ARMSTRONG ..		
1902 Dec. 2.			



Date of Election and of Transfer.		MEMBERS.	
✠ {1885 Dec. 1. 1892 Nov. 1.}		SMITH, WALTER ALEXANDER	{Roads & Bridges Dept., Sydney, N.S.W.
✠ 1874 Jan. 13.		SMITH, WILLIAM .. .. .	{Gatlands South Drive, Victoria Park, Wavertree, Liverpool.
1877 Jan. 16.		SMITH, WILLIAM ARCHIBALD ..	{Punchard, Lowther & Co., 151 Cannon Street, E.C.
1889 Jan. 15.			
1891 Jan. 13.		SMITH, WILLIAM CHARLES	{6 Waterloo Place, S.W.
1901 Mar. 5.		CLIFFORD .. .. .	
1903 Feb. 3.		SMITHE, EDMUND DU CANE	
			Lahore, Punjab.
1864 Dec. 6.		SMYTH, WILLIAM STOPFORD ..	{Royal Societies Club, St. James's St., S.W.
1889 Mar. 5.		SMYTHE, THOMAS DIXON ..	Estacion Central, Santiago, Chile.
1895 Mar. 5.		{*SNELL, JOHN FRANCIS CLEVER-	Electricity Station, Sunderland.
1903 Dec. 22.			
		TON .. .. .	
1883 Mar. 6.		SOARES, JOÃO TEIXEIRA .. ..	Banco do Comercio, Itio de Janeiro.
1880 Apr. 6.		SOPWITH, ARTHUR .. .. .	Chasetown, Walsall.
1904 Jan. 12.		SOWARSBY, JOHN WILLIAM ..	{Harbour Board, East London, South Africa.
✠ 1875 May 4.		{SPAGNOLETTI, CHARLES ERNEST PAOLO DIANA .. .. .}	16 Frogmal Lane, Hampstead, N.W.
1894 Mar. 6.		SPARKS, CHARLES PRATT ..	Bayonne, Ditton Hill, Surbiton.
1900 Jan. 30.			
✠ 1867 Dec. 3.		SPENCER, JOHN FREDERICK ..	{91 Haworth's Buildings, Manches- ter. (Concentration, Manchester.)
1883 Jan. 9.		{*SPINKS, WILLIAM .. .. .	39 Prudential Buildings, Leeds.
1902 Jan. 28.			
1882 May 23.		SPOONER, CHARLES EDWIN,	{States Railways, Kuala Lumpor,
1896 May 12.		B.A.I. (Dubl.), C.M.G. ..	Selangore, S.S.
1895 Mar. 5.		SPRAGUE, FRANK JULIAN ..	15 Wall Street, New York, U.S.
✠ {1881 Dec. 6.)		SPRING, FRANCIS JOSEPH	Consulting Engineer for Railways, Madras.
1885 May 19.)			
		EDWARD, C.I.E. .. .. .	
1904 Jan. 12.		*SPYER, ARTHUR .. .. .	Oriel House, Farringdon Street, E.C.
1889 May 7.		*SQUIRE, WILLIAM WILKINSON	Docks, Cumberland Basin, Bristol.
1882 Feb. 7.		STABLES, HENRY LEONARD ..	
1885 Feb. 3.			
1877 Dec. 4.		STAFFORD, FREDERICK .. ..	{Midland Railway, Perth, Western Australia.
1884 Oct. 14.			
1891 Dec. 1.)		{*STANFIELD, Professor RICHARD, F.R.S.E. .. .. .}	Heriot-Watt College, Edinburgh.
1900 Dec. 18.)			
1897 Feb. 2.		STANKE, JULIUS .. .. .	Caixa 347, Rio de Janeiro.
T t ✠ 1877 May 29.		{STANLEY, HENRY CHARLES (Member of Council.) .. ..}	Mutual Provident Chambers, Edward Street, Brisbane, Queensland.
			{The Knowle, Leigham Court Road, Streatham, S.W.
1859 Dec. 6.		STANLEY, WALMSLEY .. ..	
1886 Dec. 7.)		{*STANSFELD, ALFRED WOL- RYCHE .. .. .}	10 Middleton Villas, Ilkley.
1901 Feb. 5.)			
✠ 1892 Dec. 6.		{STANTON, ROBERT BREWSTER, M.A. (Miami Univ., Ohio)}	66 Broadway, New York, U.S.
1904 Apr. 12.		STARKEY, FRANK .. .. .	117 St. George's Street, Cape Town
1883 Dec. 4.		STAUFFER, DAVID MCNEELY ..	St. Paul Building, New York, U.S.
m ✠ {1878 Apr. 2.)		STAYTON, GEORGE HENRY ..	Kiama, Cedar Road, Sutton, Surrey.
1884 Nov. 25.)			
1870 Feb. 1.		STEAD, WALKER .. .. .	County Surveyor, Northallerton.
1881 May 3.)			
1902 Dec. 2.		{STEADMAN, JAMES HARDIE, M.A.I. (Dubl.) .. .. .}	County Surveyor, Donegal.
1892 Dec. 6.		{STEAVENSON, ADDISON LANG- HORNE .. .. .}	Durham.
W ✠ 1900 Mar. 6.		STEIGER, ALPHONSE .. ..	28 Victoria Street, S.W.
1896 Dec. 1.		STELFOX, JAMES .. .. .	Gasworks. Belfast.
1886 Dec. 7.)		STEPHENS, FREDERICK ORLANDO	{Pauling & Co., Box 713, Cape Town, C.C.
1903 Feb. 17.)			



Date of Election and of Transfer.		MEMBERS.	
S	* {1881 Jan. 11. 1894 Jan. 9.}	*STEPHENS, GEORGE HENRY, C.M.G.	Oaklea Warren, Newick, Sussex.
	1853 May 24.	{STEPHENSON, GEORGE RO- BERT ( <i>Past-President.</i> ) ..	Ben Braich, Tilehurst Rd., Reading.
	1883 Feb. 6.	STEVENS, HENRY WANSBOROUGH	12 Old Post Office Street, Calcutta.
†	{1887 Feb. 1. 1891 Apr. 28.}	STEVENSON, CHARLES ALEX- ANDER, B.Sc. ( <i>Edin.</i> ), F.R.S.E.	84 George Street, Edinburgh.
t m	* {1884 May 6. 1886 Dec. 7.}	STEVENSON, DAVID ALAN, B.Sc. ( <i>Edin.</i> ), F.R.S.E. ..	
	1881 Mar. 1. 1889 Jan. 22.	STEVENSON, EDMUND HERBERT	{38 Parliament Street, S.W. (Holo- meter, London.)
	1881 Mar. 1. 1889 Jan. 22.	STEVENSON, FLETCHER WILSON	Gasworks, Coventry.
	1897 Feb. 2. 1890 May 20.	{STEWART, ABRAHAM McCAUS- LAND, B.A.I. ( <i>Dubl.</i> ) .. ..}	Shipquay Street, Londonderry.
	1898 Apr. 26.	STEWART, ALEXANDER .. ..	{J. W. Stewart, 150 Hope Street, Glasgow.
†	{1883 Apr. 3. 1900 Mar. 26.}	STEWART, CHARLES EDWARD ..	{Govt. Rys., Humansdorp, Cape Colony.
	1868 Jan. 14. 1877 Mar. 27.	STEWART, JAMES .. ..	Auckland, N.Z.
	1880 May 25.	STEWART, JOHN TIFFIN .. ..	Haumoana, Aramoho, Wanganui, N.Z.
m	* {1883 Feb. 6. 1893 May 2.}	*STEWART, THOMAS .. ..	{6 St. George's Chambers, Cape Town, C.C.
	1877 May 29.	*STILEMAN, FRANK .. ..	{1 Victoria Street, S.W. (Victoria, 1892.)
	1883 May 1. 1886 Dec. 7.	STIRLING, JAMES .. ..	Belmore, Ashford, Kent. [Hull.
	1891 Feb. 3.	STIRLING, MATTHEW .. ..	Hull & Barnsley Ry., Spring Head,
†	1898 Jan. 11.	STIRLING, ROBERT .. ..	{The Anchorage, Dorman's Park, East Grinstead.
	1894 Dec. 4.	STIRRAT, JOHN .. ..	{Ogilvy, Gillanders & Co., 67 Cornhill, E.C.
	1891 May 5. 1898 Nov. 29.	STOCKMAN, BENJAMIN .. ..	{Hey Tor, Torrington Park, North Finchley, N.
	1855 Mar. 6. 1880 Feb. 10.	STOCKMAN, BENJAMIN PRYOR	82 Victoria Street, S.W.
t m	* {1885 Dec. 1. 1902 Dec. 16.}	*STOKES, FREDERICK WILFRID SCOTT .. ..	32 Victoria Street, S.W.
T t	* {1858 Jan. 12. 1863 Nov. 17.}	STONEY, BINDON BLOOD, LL.D. ( <i>Dubl.</i> ), F.R.S. ....	
t	† {1875 May 4. 1896 Feb. 4.}	{STONEY, EDWARD WALLER, M.E. ( <i>Queen's</i> ), C.I.E. ..	{Chief Engineer, Madras Railway, Royapuram, Madras.
	1900 Dec. 19.	STONEY, GEORGE GERALD ..	{Oakley, Heaton Road, Newcastle- on-Tyne.
	1886 May 18. 1893 Oct. 3.	*STOREY, WILLIAM JOHN PATRICKSON .. ..	Darwen Iron Co., Mostyn, Flints.
	1876 Feb. 1.	STORY, JOHN SOMES .. ..	
	1861 Dec. 3. 1877 Oct. 30.	STOTHERT, GEORGE KELSON ..	Market Place, Derby.
	1888 Dec. 4. 1900 Jan. 30.	*STOTHERT, PERCY KENDALL ..	The Grange, Bradford-on-Avon.
†	{1886 Jan. 12. 1894 Nov. 27.}	STRACHAN, GEORGE RICHARD- SON .. ..	7 Victoria Street, S.W.
	1892 Jan. 12. 1899 Dec. 12.	STRACHEY, RICHARD SHOLTO ..	
	1875 May 4. 1882 Mar. 7.	STRAIN, JOHN .. .. ( <i>Member of Council.</i> )	154 West George Street, Glasgow.
t	* {1883 May 29. 1898 Nov. 29.}	*STRANGE, WILLIAM LUMISDEN	
	1876 May 2. 1877 Nov. 27.	STRIDE, ARTHUR LEWIS ..	{L. T. & S. Ry., Fenchurch St., E.C. (Letser, London. Avenue 4376.)
	1889 Apr. 2.	STROBEL, CHARLES LEWIS ..	{1744 Monadnock Block, Chicago, Ill., U.S.

Date of Election and of Transfer.		MEMBERS.	
T t	✱ {1885 Dec. 1.	STROMEYER, JOHANN PHILIP	Steam Users' Association, 9 Mount
	{1897 Nov. 30.	EDMOND CHARLES .. ..	Street, Manchester.
	1894 Dec. 4.	STUART, CHARLES McDONNELL	Govt. Rys., Sydney, N.S.W.
	✱ {1880 Dec. 7.	*STUART, ROBERT HENRY FRE-	F.C.G.O.A., Mendoza, Argentina.
	{1891 Feb. 3.	DERICK .. .. .	
	1904 Mar. 1.	STURGEON, JOHN ... ..	{ 2 Woodland Grove, Chapel- Leeds. (Sturgeon, Leeds Chapel- town 23.)
	1882 Mar. 7.	*SUMMERS, THOMAS, D.Sc.(Edin.)	King, King & Co., Bombay.
	1894 Oct. 30.		
	1892 Dec. 6.	SUMNER, FRANK .. .. .	Borough Engineer, Woolwich.
	1904 Mar. 29.		
W t	✱ {1882 Jan. 10.	*SUMNER, HERBERT GEORGE ..	King Street, Gloucester.
	{1900 Apr. 3.		
	1883 May 1.	SUTCLIFFE, FREDERIC JOHN	52 Ashgrove, Bradford.
	1896 Mar. 24.	RAMSBOTTOM .. .. .	
	✱ {1877 Dec. 4.	SUTCLIFFE, GEORGE WILLIAM	Whingarh, Marple, Stockport.
	{1893 Nov. 14.	{SWAIN, Professor GEORGE	Massachusetts Institute of Techno-
	1902 Feb. 4.	FILLMORE .. .. .	logy, Boston, Mass., U.S.A.
	1885 Apr. 14.	SWAN, ARCHIBALD ALEXANDER,	Bath Club, Dover Street, W.
	1896 May 19.	B.Sc. (Glas.) .. .. .	
	1896 Dec. 1.	SWAN, HENRY FREDERICK, C.B.	Prudhoe Hall, Prudhoe-on-Tyne.
	✱ {1883 Dec. 4.	SWARBRICK, JOSEPH .. .. .	30 St. Ann's Street, Manchester.
	{1899 Nov. 28.		
	1878 Dec. 3.	SWINBURN, JOHN .. .. .	L.&Y.Ry., Eng.'s Office, Manchester.
	✱ {1893 Mar. 7.	SWINBURNE, JAMES .. .. .	{ 82 Victoria Street, S.W. (West-
	{1894 Apr. 10.		minster 292.)
	1875 Jan. 12.	SWINDELLS, RUPERT .. .. .	{ 22 Oxford Road, Birkdale, South-
	1883 Jan. 22.		port.
	1886 Dec. 7.	*SWINDLEHURST, JOSEPH EAVES	City Engineer, Coventry.
	1900 Apr. 10.		
	1877 Feb. 6.	SWINDLEHURST, ROBERT HENRY	Town Hall, Bolton.
	1885 Dec. 1.		
	1889 May 21.	SWINEY, JOHN HARRIS	83 Royal Avenue, Belfast.
	1894 May 8.	HAZLETT, B.A.I. (Dubl.) ..	
	1890 Jan. 14.	*SWINTON, ALAN ARCHIBALD	66 Victoria Street, S.W. (Dunamis,
	1898 Dec. 6.	CAMPBELL .. .. .	London. Westminster 156.)
	1879 May 27.	SYKES, BENJAMIN .. .. .	33 Winckley Square, Preston. (28.)
	1880 Feb. 3.	SYKES, GEORGE HENRY,	Glencoe, Elmbourne Road, Tooting
	1886 Nov. 9.	M.A. (Dubl.) .. .. .	
	1876 Feb. 1.		Common, S.W.
	1887 Nov. 8.	SYMONS, BRENTON .. .. .	Burwood, Warminster Road, South
			Norwood, S.E.
T t m	✱ {1883 Feb. 6.	*SZLUMPER, ALFRED WEEKS ..	{ L. & S. W. Ry., Clapham Junction,
	{1890 Apr. 29.		S.W.
	1864 Dec. 6.	SZLUMPER, Sir JAMES WEEKS	17 Victoria Street, S.W.
	1867 May 21.		
	1888 Apr. 10.	SZLUMPER, WILLIAM WEEKS ..	17 Victoria Street, S.W.
	1896 Jan. 21.		
	1895 Jan. 8.	*TABOR, EDWARD HENRY ..	Fennes, Braintree, Essex.
m	✱ {1903 Apr. 21.		
	1870 Mar. 1.	TAIT, GEORGE HUNTER .. ..	St. Rule's, Buckhurst Road, Bexhill.
	1876 Dec. 12.		
	✱ {1891 Dec. 1.	*TAIT, WILLIAM ARCHER	{ Leslie & Reid, 72A George Street,
	{1897 Mar. 2.	PORTER, B.Sc. (Edin.) ..	Edinburgh.
	1862 May 6.	TANNER, JOHN EDWARD, C.M.G.	{ Royal Thames Yacht Club, 7 Albe-
			marle Street, W.
-	1885 May 19.	{TANNETT-WALKER, ARTHUR	Leeds. (Tannett-Walker, Leeds. 515.)
		TANNETT .. .. .	
	1891 Feb. 3.	{TANNETT-WALKER, FREDERICK	Leeds. (Tannett-Walker, Leeds. 515.)
		WILLIAM .. .. .	

Date of Election and of Transfer.		MEMBERS.	
1897 Feb. 2.	{	TAPAJÓS, TORQUATO XAVIER	Rua Hospicio 27, Rio de Janeiro.
1875 Dec. 7.		MONTEIRO .. .. .	
1879 Nov. 4.		TATE, JOHN .. .. .	Edgewood, Greencastle, Belfast.
t ✠ { 1887 Jan. 11.		TATTON, REGINALD ARTHUR ..	44 Mosley Street, Manchester.
1891 Apr. 21.			
1898 Dec. 6.		TAYLOR, ARTHUR .. .. .	71 Edith Road, West Kensington, W.
1881 Feb. 1.		*TAYLOR, EDWARD BROUGH ..	{ 27 Great George Street, S.W.
1890 Feb. 4.			(Waterage, London.)
1887 Apr. 5.		*TAYLOR, GOTTFRED MIDGLEY ..	{ 27 Great George Street, S.W.
1898 Feb. 8.			(Waterage, London.)
1887 Dec. 6.		*TAYLOR, HAROLD BLAKE,	Gwalior Residency, P.O. Central
1896 Nov. 16.		F.C.H. .. .. .	India.
1884 May 27.		TAYLOR, HENRY ENFIELD ..	{ 26 Newgate St., Chester. (Enfield
			Taylor, Chester.)
1869 Dec. 7.		TAYLOR, HERBERT ARNAND ..	4 Great Winchester Street, E.C.
1882 Feb. 14.			
1880 Mar. 2.		*TAYLOR, JAMES NAAMAN ..	{ Engineer's Office, G.W.Ry., Pad-
1900 Jan. 30.			dington, W.
1884 Apr. 1.		TAYLOR, JOHN .. .. .	6 Queen St. Place, E.C. (Bank 828.)
1880 Dec. 7.		TAYLOR, JOHN HENRY .. ..	Borough Surveyor, Barnsley.
1899 Jan. 10.			
1902 Dec. 2.		TAYLOR, JOSEPH JEX .. ..	1 Victoria Street, S.W.
1886 Apr. 6.		*TAYLOR, WALTER .. .. .	85 London Wall, E.C.
1896 Nov. 24.			
1889 May 7.		*TAYLOR, WILLIAM JAMES ..	{ County Surveyor, The Castle,
1902 Dec. 16.			Winchester.
1893 Mar. 7.		*TAYLOR, WILLIAM OSWALD ..	Bengal-Nagpur Railway, Calcutta.
1901 Dec. 11.			
1886 Feb. 2.		*TEMPEST, PERCY CROSLAND ..	S.E. Ry., London Bridge Station, S.E.
1897 Feb. 2.			
1879 Mar. 4.		*TERRY, STEPHEN HARDING ..	{ 17 Victoria Street, S.W. (Crank-
1894 Nov. 20.			pin, London.)
✠ { 1875 Apr. 6.		THELWALL, WALTER HAMPDEN	3 Tokenhouse Buildings, E.C.
1883 May 22.			
1888 Dec. 4.		*THOMAS ARTHUR DREW ..	Staplake, Starcross, South Devon.
1903 Apr. 7.			
1878 Mar. 5.		THOMAS, HUBERT .. .. .	21 Surrey Street, Strand, W.C.
1889 Dec. 3.		THOMAS, ROBERT JOHN .. ..	County Surveyor, Aylesbury.
1902 Feb. 18.			
✠ { 1882 Feb. 7.		THOMPSON, ARTHUR MOORE ..	L. & N. W. Ry., Crewe.
1887 Feb. 1.			
✠ { 1886 May 18.		*THOMPSON, HARRY JAMES ..	Madras Ry., Madras.
1893 May 9.			
1891 Mar. 3.		THOMPSON, JAMES, B.E. (Royal)	P.W.D., Perth, Western Australia.
1899 Dec. 12.			
1890 May 6.		THOMPSON, ROBERT .. .. .	{ Metropolitan Gas Co., Melbourne,
			Victoria.
1867 Feb. 5.		THOMPSON, THOMAS JEFFERSON	Greystones, co. Wicklow.
1871 Apr. 4.		THOMSON, CAMPBELL .. ..	{ Walton Lodge, Beulah Road, Tun-
1885 Feb. 24.			bridge Wells.
1895 Apr. 2.		THOMSON, Professor ELIHU ..	Lynn, Mass., U.S.
1889 May 7.		THOMSON, GEORGE HUNTINGTON	{ Transportation Club, 42nd Street,
			New York, U.S.
1899 Feb. 7.		*THOMSON, THOMAS .. .. .	{ The Bungalow, Seaham Harbour,
			co. Durham.
1893 May 16.		*THOMSON, THOMAS FRAME ..	{ Winchester House, Old Broad Street,
1898 Feb. 22.			E.C.
1880 Dec. 7.		THOMSON, WILLIAM .. ..	Ronda, Spain.
1884 Feb. 26.			
1900 Jan. 9.		THORNHILL, BENSLEY .. ..	Kashmir Ry., Srinagar, India.
1870 May 3.		THORNHILL, EDWARD BAYLIES	80 Avenue Road, N.W.



Date of Election and of Transfer.		MEMBERS.
1889 Apr. 2.	{	THORNHILL, JOSEPH HELEN, } Patrick's Hill, Cork.
1891 Dec. 1.		M.E. ( <i>Queen's</i> ) .. .. }
1904 Feb. 23.	*	THORNTON, JOHN ARTHUR ... Engineer's Office, N.E. Ry., York.
1882 Feb. 7.		THORNTON, JOHN MILLER .. { Govt. Rys., Uitenhage, Cape
1887 May 3.		Colony.
W S t † { 1873 Jan. 14.	{	THORNYCROFT, Sir JOHN } Eyot Villa, Chiswick Mall, W.
1877 Nov. 27	{	ISAAC, LL.D. ( <i>Glas.</i> ), F.R.S. } (Thornycroft, London. Hammer-
		( <i>Member of Council.</i> ) smith 6.)
1872 May 7.	*	THOROWGOOD, FRANK NAPIER H. S. King & Co., Pall Mall, S.W.
1877 Dec. 11.		
† 1890 Dec. 2.		THOW, WILLIAM .. .. Govt. Rys., Sydney, N.S.W.
1886 May 4.		THROPP, JAMES .. .. 27 The Bail, Lincoln.
1889 Jan. 8.		
1883 Mar. 6.		THURSBY, CHARLES RADCLIFFE Calle Reconquista 20, Buenos Aires.
1891 Dec. 1.		
1881 Dec. 6.		THURSFIELD, WILLIAM EDWIN Gumpoldskirchen, Vienna.
1869 Dec. 7.		THWAITES, CHRISTOPHER .. Burnell Road, Sutton, Surrey.
1876 Apr. 4.		
1898 Apr. 5.		THWAITES, HENRY .. .. { 5 Cardinal Mansions, Victoria
1887 Dec. 6.		THWAITES, WILLIAM, } Street, S.W.
1889 Nov. 5.		M.A. ( <i>Melb.</i> ) .. .. } Board of Works, Melbourne, Victoria.
1898 Apr. 5.		TICKELL, CHARLES .. .. } Royal Indian Engineering College,
1887 Dec. 2.		Staines.
1901 Apr. 2.	*	TICKELL, RICHARD EUSTACE . Colombo Drainage, Ceylon.
1888 Feb. 7.		TILNEY, JOHN DEANE, I.S.O... { Govt. Rys., East London, Cape
1891 Dec. 1.		Colony.
1894 Oct. 16.		TIMME, GEORGE ADOLPHUS .. 37 Egerton Park Road, Bexhill.
1889 Dec. 3.		
1898 Nov. 29.		TIMMINS, JOSEPH .. .. Gasworks, Wigan.
1881 Apr. 5.		TIMMIS, ILLIUS AUGUSTUS .. 2 Great George Street, S.W.
1888 May 8.		
1877 Apr. 10.	*	TINGLE, HENRY JOHN .. .. { 31 Old Queen St., Westminster, S.W
1895 Feb. 12.		(Piezometer, London.)
1884 May. 6.		TISDALL, CHARLES JEROME, } G. I. P. Ry., Bombay.
1900 Dec. 19.		B.A. ( <i>Dubl.</i> ) .. .. }
1903 Mar. 3.		TODD, REGINALD ROBERT .. 54 Aberdare Gardens, N.W.
1889 Jan. 8.		
1902 Apr. 15.		TOMALIN, HERBERT FREDERICK P.W.D., Colombo,, Ceylon.
1889 May 7.		TOMKINS, WILLIAM STEELE .. { Broughton House, near Stockbridge,
1885 Apr. 14.	*	Hants.
1891 Nov. 9.		*TOMLINSON, SAM .. .. Gresham House, Singapore, S.S.
1890 Feb. 4.	*	*TOPP, AUGUSTUS WORTHINGTON { F. Topp, Rothwells, Little Hulton,
		Bolton.
1884 May 6.		TOWER, BEAUCHAMP .. .. 5 Queen Anne's Gate, S.W.
1895 Feb. 5.	*	*TOWER, WILLIAM .. .. { Rhodesian Rys., Salisbury, Rho-
1899 Nov. 28.		desia.
1886 Mar. 2.		TRAILL, THOMAS WILLIAM .. 40 The Chase, Clapham Common, S.W.
1897 Apr. 6.	*	*TRENCH, ERNEST FREDERIC } Drentagh, Hollycroft Avenue,
1904 Feb. 16.		CROSBIE, M.A., B.A.I. ( <i>Dubl.</i> ) } Hampstead, N.W.
1874 Feb. 3.		TRENCH, LOUIS, B.A. ( <i>Cantab.</i> ) } L. & N. W. Ry., Engineer's Office,
1879 Mar. 25.		Euston, N.W.
1887 Dec. 6.		TRERY, CHARLES ALFRED .. { Bahia Blanca and N. W. Ry., 564
1892 Nov. 8.		Cangallo, Buenos Aires.
† { 1879 Dec. 2.		TREVITHICK, FRANCIS HENRY } 14 St. Aubyn's Road, Upper Nor-
1887 May 10.		wood, S.E.
1881 Apr. 5.		TREVITHICK, FREDERICK HARVEY } Loco. Supt., Egyptian Railways,
1891 May 12.		Cairo.
1885 May 5.		TREVITHICK, RICHARD FRANCIS P.O. Box 35, Kobe, Japan.
1883 Dec. 4.		TREVITHICK, ROBERT LOWTHIAN Dolvean, Melville Road, Falmouth.
1897 Dec. 21.		
† { 1866 Mar. 6.		TREWBY, GEORGE CARELESS .. { Fenton House, The Grove, Hamp-
1875 Apr. 27.		stead Heath, N.W.



Date of Election  
and of Transfer.

## MEMBERS.

	1904 Mar. 1.	TREWENT, FRANCIS JAMES ..	{ 43 Billiter Buildings, Billiter Street, E.C.
✱	{ 1877 Dec. 4. }	TRIPP, WILLIAM BLOMEFIELD	Spring Grove, Isleworth.
	{ 1883 Nov. 29. }		
	1893 Mar. 7.	TRITTON, SEYMOUR BISCOE ..	{ Sir Alexander Rendel, K.C.I.E., 8 Great George Street, S.W.
	1896 Apr. 21.		
T t ✱	{ 1883 Mar. 6. }	*TROTTER, ALEXANDER PELHAM,	{ Board of Trade, 8 Richmond Terrace, Whitehall, S.W.
	{ 1901 Dec. 17. }	B.A. ( <i>Cantab.</i> ) .. .. .	
	1883 Dec. 4.	*TRUMP, JOHN .. .. .	Taiping, Perak, S.S.
	1896 Nov. 16.		
	1890 Dec. 2.	TUCKEY, THOMAS WILLIAM	{ Govt. Rys., Tientsin, China.
	1900 Dec. 19.	TOWNSEND, B.E. ( <i>Royal</i> ) ..	
	1891 Dec. 1.	TUDHOPE, ALFRED DRYDEN ..	Govt. Rys., Box 291, Cape Town, C.C.
	1904 Feb. 16.		
m ✱	{ 1885 Dec. 1. }	*TUDSBERY, JOHN HENBY	{ The Institution of Civil Engineers, Great George Street, S.W. (Institution, London. Westminster 51.)
	{ 1892 Mar. 22. }	TUDSBERY, D.Sc. ( <i>Glas.</i> ) ..	{ ( <i>Secretary.</i> )
	1885 Dec. 1.	*TUIT, JAMES EDWARD .. ..	32 Victoria Street, S.W.
	1894 Jan. 23.		
	1881 Dec. 6.	*TULLOCH, FREDERICK HERBERT	Local Government Board, S.W.
	1894 Feb. 27.		
	1900 Dec. 4.	TURNBULL, WALTER JAMES ..	{ Alexr. Izat, C.I.E., B. & N. W. Ry., Gorakhpur, India.
	1866 May 15.		
	1877 Jan. 16.	TURNER, WILLIAM BARROW ..	Ponsonby Hall, Carnforth.
	1890 May 6.		
	1904 Apr. 12.	TWEEN, CHARLES NELSON ..	{ Lee Conservancy, 12 Finsbury Circus, E.C.
			{ Farnham, Boyd & Co., Shanghai, China.
	1902 Mar. 4.	TWENTYMAN, JAMES ROBERT	
✱	{ 1869 Dec. 7. }	TWIGG, ROBERT HARKNESS ..	{ 3 Elmbourne Road, Upper Tooting, S.W.
	{ 1879 Feb. 25. }		
	1891 Jan. 13.	*TWINBERROW, JOHN WULSTAN	Long Newton Reservoir, Darlington.
	1901 Feb. 5.		
	1881 Dec. 6.	TYLER, JOHN FRANKLYN ..	Enfield House, Marina, Lowestoft.
	1890 May 6.	*TYNDALE, WALTER CLIFFORD	Horseguards, Whitehall, S.W.
	1896 Nov. 24.		
	1877 Apr. 10.	*TYRRELL, ARTHUR WILLIAM	{ 1 Victoria Street, S.W.
	1880 Mar. 16.	NAIRNE .. .. .	
	1880 May 4.	*TYRRELL, LEWIS GORDON ..	{ 3 Alfred Place, South Kensington, S.W.
	1885 Dec. 8.		
m	{ 1880 Dec. 7. }	*TYSOE, JOSEPH .. .. .	{ South Metropolitan Gasworks, East Greenwich, S.E.
	{ 1897 Nov. 30. }		
	1897 Mar. 2.	{ UHAGON Y VEDIA, PEDRO	{ Real Compañía, Asturiana, Aviles, Spain.
		PASCUAL DE .. .. .	
	1865 Dec. 5.	UNWIN, HOWARD .. .. .	1 Newton Grove, Bedford Park, W.
	1876 Dec. 19.		
T t S	{ 1867 Feb. 5. }	UNWIN, <i>Professor</i> WILLIAM	{ 7 Palace Gate Mansions, Kensington, W.
W L F ✱	{ 1877 Oct. 30. }	CAWTHORNE, B.Sc. ( <i>Lond.</i> ),	
		F.R.S. ( <i>Member of Council.</i> )	
	1872 Dec. 3.	UPCOTT, FREDERICK ROBERT,	{ India Office, Whitehall, S.W.
	1879 Nov. 11.	C.S.I. ( <i>Member of Council.</i> )	
✱	1887 Mar. 1.	URQUHART, THOMAS .. .. .	Delny House, Delny, Ross-shire, N.B.
	1886 Feb. 2.	USSHER, EDGEWORTH RICHARD	Dunedin, Otago, N.Z.
	1877 Mar. 6.	*VALENTINE, FREDERICK ..	King Staith Square, King's Lynn.
	1886 Mar. 8.		
	1874 May 5.	VALPY, HENRY VALPOT FRANCIS	14 Victoria Street, S.W.
	1880 Feb. 3.	*VAUDREY, JOHN CLOUGH ..	{ 71 Westfield Road, Edgbaston, Birmingham. (3539.)
	1893 May 9.		

Date of Election and of Transfer.	MEMBERS.		
1903 Apr. 21.	VAUGHAN, JOHN .. ..	Balaclava House, Dowlais.	
1892 May 3.	VAUGHAN, RICHARD WYNDHAM	{Dunmore, St. Catherine's Road, Southbourne, Christchurch, Hants.	
1898 Dec. 6.	VAUGHAN, WILLIAM STEAINS	{Cail's Buildings, Quayside, New- castle-on-Tyne.	
1894 Jan. 9. } 1903 Feb. 10. }	*VAUGHAN-LEE, ALEC GEORGE	Admiralty Harbour Works, Dover.	
1875 May 4.	VAVASSEUR, JOSIAH, C.B. ..	{Rothbury, Blackheath Park, S.E. (Exemplar, London.)	
1890 Apr. 1.	VECCHIO, ADOLPHO JOSÉ DEL	{Rua Evaristo da Veiga 9, Rio de Janeiro.	
1893 May 16. } 1903 Dec. 22. }	VERNON, CHARLES EDWARD ..	{Dock House, 109 Leadenhall Street, E.C.	
Tst m ✕ {1865 Dec. 5. } {1871 Dec. 19. }	VERNON - HARCOURT, LEVESON } FRANCIS, M.A. ( <i>Oxon.</i> ) ..	6 Queen Anne's Gate, S.W.	
1889 Feb. 5.	VICKERS, THOMAS EDWARD ..	River Don Works, Sheffield.	
1883 Feb. 6. } 1899 Nov. 28. }	WADDELL, JOHN ALEXANDER } LOW, B.A.Sc. Ma.E. ( <i>McGill</i> ) }	Gibraltar Building, Kansas City Mo., U.S.	
1893 May 16. }	WADDINGTON, JOSHUA ARTHUR	Town Hall, Marylebone, W.	
1901 Mar. 5. }	PAGET .. .. .		
1853 Dec. 6. }	WADHAM, EDWARD .. ..	Millwood, Dalton-in-Furness.	
1866 Dec. 17. }	*WADHAM, WALTER FRANCIS }	Millwood, Dalton-in-Furness.	
1891 Feb. 3. }	AINSLIE, M.A. ( <i>Cantab.</i> ) ..		
✕ {1891 May 5. } {1895 May 14. }	WAIN, EDWARD BROWNFIELD	{Norton - in - the - Moors, Stoke-on- Trent.	
1897 Apr. 6.	WAINWRIGHT, HARRY SMITH ..	Loco. Dept., S.E.&C. Ry., Ashford.	
1904 Apr. 19. }			
1870 May 24. }	WAKE, HENRY HAY .. ..	{River Wear Commission, Sunderland. (126.)	
1874 Mar. 10. }			
1883 Dec. 4. }	WAKELAM, HENRY TITUS ..	{County Surveyor, Guildhall, West- minster, S.W. (Westminster, 218.)	
1901 Dec. 11. }			
1875 Dec. 7.	WALCH, GEORGE TURNER ..	H. S. King & Co., Pall Mall, S.W.	
1860 Mar. 6. }	WALKER, CHARLES RITCHIE ..	{Ash Lodge, Gloucester Road, Upper Teddington.	
1881 Apr. 5. }			
1877 May 29. }	WALKER, CHARLES ROBERT ..	25 Victoria Street, S.W.	
1894 Jan. 30. }			
1886 Dec. 7.	{WALKER, FRANCIS BLENNER- HASSETT .. .. . }	Upperton, Eldorado Road, Chel- tenham.	
t ✕ {1889 May 7. } {1896 Dec. 1. }	WALKER, GEORGE BLAKE ..	Tankersley Grange, near Barnsley.	
1885 Apr. 14.	WALKER, JAMES, F.R.S.E. ..	{Tyne Commission, Newcastle-on- Tyne. [on-Tyne.	
1896 Apr. 14.	WALKER, JOHN .. ..	Robert Stephenson & Co., Newcastle.	
1895 Jan. 8.	WALKER, JOHN SCARISBRICK ..	Walker Bros., Ironworks, Wigan.	
1865 May 2.	WALL, PHILIP WILLIAM .. ..	9 Duke Street, Portland Place, W.	
1881 Dec. 6. }	*WALLACE, JAMES .. ..	The Brake, Stravithie, Fife, N.B.	
1898 Dec. 6. }			
1897 Dec. 7.	WALLACE, JOHN FINDLEY ..	Illinois Central Rlrd., Chicago, U.S.	
1882 Mar. 7. }	*WALLER, JOHN EDWARD ..	{29 Great George Street, S.W. (Kin- caid, London. Westminster 11.)	
1891 Nov. 3. }			
1882 May 23. }	WALLIS, BERESFORD GAHAN ..	United Service Club, Simla, Punjab.	
1897 Feb. 2. }			
1880 Jan. 13.	WALLIS, HERBERT .. ..	239 Drummond St., Montreal, Canada.	
1874 Apr. 14. }	WALMSLEY, ARTHUR THOMAS	{9 Victoria Street, S.W. (Workable, London.)	
1886 Nov. 2. }			
1883 Feb. 6. }	WALSH, HENRY DEANE,		
1889 Nov. 5. }	B.A.I. ( <i>Dubl.</i> ) .. ..	Harbour Trust, Sydney, N.S.W.	
1894 Mar. 6. }	*WALTON, ALFRED HENRY ..	{92 Queen's Road, Brownswood Park N.	
1901 Feb. 12. }			

Date of Election and of Transfer.		MEMBERS.	
T t	✠ 1876 Dec. 5.	{ WALTON, FREDERICK THOMAS } c.o. Grindlay & Co., Parliament Street, GRANVILLE, C.I.E. .. .. } S.W.	
	1867 Dec. 3.	{ WALTON, JAMES BIRDSALL .. } { 12 Little College Street, Westmin- ster, S.W.	
	1881 May 3.		
✠	{ 1885 Dec. 1.	* WANKLYN, FREDERIC LUMB .. { Dominion Coal Co., Montreal, 1898 Nov. 29. } Canada.	
	1896 Feb. 4.		
t	✠ { 1883 Mar. 6.	WARD, HENRY .. .. . 110 Cannon Street, E.C. [S.W.	
	1894 May 22. }		
	1876 May 2.	WARD, HENRY THOMAS } Director of Irrigation, Colombo, SIMPSON .. .. . } Ceylon.	
	1899 Mar. 28. }		
	1888 May 1.	WARD, JOHN .. .. . Borough Engineer, Derby.	
	1901 Dec. 11. }		
	1880 Jan. 13.	WARD, REGINALD FOSTER .. Fellside House, Hexham.	
	1882 Nov. 7. }		
	1887 Dec. 6.	WARDALE, JOHN DOBSON .. { 3 Walker Terrace, Gateshead-on- Tyne. (Wardale, Gateshead.)	
	1885 Dec. 1.		
	1887 Mar. 1.	WARD-SMITH, WILLIAM .. Seacliffe, Young Park, Paignton.	
	1873 Apr. 1. }		
	1880 Feb. 17. }	WARE, CHARLES EDWIN .. 18 Bedford Circus, Exeter.	
	1887 Dec. 6.		
	{ WARING, CHARLES EDWARD } 2 Great Chapel St., Westminster, DELANCY .. .. . } S.W.		
t	✠ { 1875 Apr. 6.	WARING, FRANCIS JOHN, C.M.G. { 12 Dean's Yard, Westminster, S.W. 1879 Feb. 18. } (Gregory, London. Westminster 358.)	
✠	1872 Dec. 3.		
	1877 Dec. 4.	WARREN, <i>Professor</i> WILLIAM } 127 San Miguel, Palma, Mallorca.	
	1887 Feb. 8.		
✠	{ 1875 May 4.	WATSON, JAMES .. .. . { Waterworks Engineer, Town Hall, 1885 Jan. 20. } Bradford.	
	1901 Apr. 23. }		
	{ WATTS, PHILIP (LL.D. <i>Glas.</i> ), } Admiralty, S.W. F.R.S. .. .. . }		
✠	{ 1868 Jan. 14.	WAWN, CHARLES .. .. . Tan-y-Gareg, near Carnarvon.	
	1877 May 8.		
	1878 Jan. 15.	WEAVER, WILLIAM .. .. . Town Hall, Kensington, W.	
	1892 Feb. 9.		
	1895 Mar. 5.	WEBB, ARTHUR LEWIS, } P.W.D., Cairo, Egypt. C.M.G., F.C.H. .. .. }	
	1901 June 26. }		
✠	{ 1865 May 23.	WEBB, FRANCIS WILLIAM .. { Chester Place, Crewe.	
	1872 Dec. 3.		
	{ 1901 Mar. 5.	WEBB, HARRY HOWARD .. { Consolidated Gold Fields, Johannes- burg, Transvaal.	
	1872 Jan. 9.		
	1891 Dec. 1.	WEBBER, CHARLES EDMUND, } 17 Egerton Gardens, S.W. <i>Maj.-Gen. R.E. ret.</i> , C.B. .. }	
	1892 Dec. 6.		
	1894 Nov. 27. }	WEBSTER, HENRY, B.A.I. ( <i>Dubl.</i> ) County Surveyor, Wexford.	
	1876 Feb. 1.		
	1889 Jan. 29.	WEBSTER, JOHN .. .. . 32 Drewton Street, Bradford.	
E t	✠ { 1879 Feb. 4.		
	1886 May 11.	WEBSTER, JOHN JAMES .. .. 39 Victoria Street, S.W.	
	1876 Mar. 7.		
	1890 Jan. 21.	WEEDON, JOHN FRANCIS .. Govt Rys., Cape Town, C.C.	
✠	{ 1888 Dec. 4.		
	1894 Oct. 30. }	*WEIGHTMAN, WALTER JAMES c.o. H. S. King & Co., 65 Cornhill, E.C	
	1884 Feb. 5.		
	1897 Nov. 30.	*WEIR, THOMAS DUNCAN, } 2 Sciennes Road, Edinburgh. B.Sc. ( <i>Glas.</i> ) .. .. . }	
	1881 Feb. 1.		
	1904 Feb. 2.	WELBY, RICHARD FLINT .. { Ravenhurst, Cockington, Torquay. Highfield Road, Rock Ferry, Cheshire.	
	1875 May 11.		
✠	1872 May 7.	WELLESLEY, GERALD EDWARD 33 Portman Square, W.	
		WELLS, LIONEL BURY .. .. 5 John Dalton St., Manchester.	



Date of Election and of Transfer.	MEMBERS.	
1879 Feb. 4.}	WELLSTED, WILLIAM HENRY	Prince's Dock Chambers, Hull.
1903 Apr. 7.}		
✠ 1870 Dec. 6.}	WELSH, EDWARD .. .. .	
1869 Dec. 7.}	WENDEN, HENRY CHARLES	G. I. P. Ry., Victoria Terminus, Bom- bay.
1891 May 5.}	EDWARD, C.I.E. .. .. .	
1866 Dec. 4.}	WEST, ARTHUR ANDERSON ..	{ Clyst House, Theydon Bois Road, nr. Epping.
✠ 1885 Dec. 1.}	WEST, HENRY HARTLEY .. ..	{ 5 Castle Street, Liverpool. (Referee, Liverpool.)
1884 May 6.}	WEST, JOHN .. .. .	The Firs, Park Road, Southport.
1872 May 14.}	*WESTERN, CHARLES ROBERT ..	{ Broadway Chambers, Westminster, S.W. (Donbowes, London. West- minster 199.)
1879 May 27.}		
1877 Apr. 10.}		
1896 Feb. 11.}	WESTHOFEN, WILHELM .. ..	P.W.D., Cape Town, C.C.
✠ 1878 Jan. 15.}	WESTLAND, DAVID MONRO ..	135 George Street, Edinburgh.
1861 May 28.}	{ WESTMACOTT, PERCY GRAHAM BUCHANAN .. .. . }	Rose Mount, Sunninghill, Berks.
1889 Feb. 5.}		
1891 May 5.}	WESTON, EDMUND BROWNELL	Providence, Rhode Island, U.S.
1886 Apr. 6.}	WHALE, GEORGE .. .. .	L. & N. W. Ry., Crewe.
1903 Dec. 22.}		
t ✠ 1867 Dec. 3.}	WHEELER, WILLIAM HENRY ..	Boston, Lincs. (Wheeler, Boston.)
1885 May 5.}	WHIELDON, JOHN HENRY ..	Box 2551, Johannesburg, Transvaal.
1902 Apr. 15.}		
1899 Dec. 5.}	WHILE, JAMES MORGAN .. ..	{ Haematite Steel Co., Barrow-in- Furness.
1872 Apr. 9.}	WHIPHAM, ARTHUR HENRY ..	Cleveland Lodge, Leamington.
1878 Apr. 30.}		
1882 Dec. 5.}	WHITAKER, WILLIAM BUTLER	{ 9 Vanbrugh Park Road West, Black- heath, S.E.
1896 May 5.}		
1879 Dec. 2.}	WHITCOMBE, CHARLES PALMER	57 Oxford Terrace, Hyde Park, W.
1892 Feb. 16.}		
✠ { 1881 Feb. 1.}	WHITE, ALFRED EDWARD ..	City Engineer, Hull.
1895 May 21.}		
✠ { 1884 Jan. 8.}	WHITE, ALFRED GEORGE ..	11 Queen Victoria Street, E.C.
1899 Jan. 17.}		
1893 Dec. 5.}	WHITE, CHARLES ARTHUR ..	c/o H. S. King & Co., Pall Mall, S.W.
1900 Dec. 18.}		
1862 May 6.}	WHITE, CHARLES FITZWILLIAM	
1883 May 1.}	*WHITE, GEORGE GILBERT ..	{ P. W. Secretariat, Mount Abu, Rajputana, India.
1895 Jan. 15.}		
1875 May 11.}	WHITE, GUILLERMO .. ..	926 Calle Libertad, Buenos Aires.
1885 Feb. 3.}		
1870 Jan. 11.}	WHITE, ROBERT .. .. .	{ 66 Belsize Park Gardens, N.W. (Brentesia, London.)
1872 Feb. 6.}		
1879 Jan. 14.}	WHITE, WILLIAM HENRY ..	Town Hall Buildings, Oxford.
✠ 1882 Feb. 7.}	{ WHITE, Sir WILLIAM HENRY, K.C.B., D.Sc. (Cantab.), LL.D. (Glas.), F.R.S. (President.) .. .. . }	Cedarcroft, Bristol Gardens, Putney Heath, S.W. (White, Cedarcroft, Rochampton. Putney 276.)
1882 Dec. 5.}		
1892 Feb. 23.}		
1885 Dec. 1.}		
1900 Mar. 26.}	WHITELEY, JOHN JOSEPH .. ..	Binny & Co., Madras.
1866 Apr. 10.}	WHITING, JAMES EDWARD,}	Dunham House, Ramsgate.
1874 Dec. 22.}		
✠ { 1874 May 5.}	WHITLEY, HENRY MICHELL ..	Manor Office, Eastbourne. [U.S.
1891 Dec. 8.}		
1885 May 5.}	WHITTEMORE, DON JUAN ..	Milwaukee & St. Paul Ry., Chicago,
1871 Apr. 4.}	WHITTLE, JAMES HENRY ..	11 Hamilton Road, Ealing, W.
1879 Dec. 23.}		



Date of Election and of Transfer.		MEMBERS.	
1877 Feb. 6.	}	WHITTY, IRWINE JOHN .. ..	24 Rokeby Avenue, Redland, Bristol
1877 Oct. 30.			
✠ 1883 May 29.	}	WHYTE, PETER .. ..	{ Dock Office, Leith. (Whyte, Docks, Leith.)
1889 Feb. 5.			
1892 Apr. 5.	}	WICKSTEED, JOSEPH HARTLEY .. ..	{ Well House Foundry, Leeds. Allerton House, Chapel Allerton, Leeds.
1881 Jan. 11.			
1890 Nov. 11.	}	WIKE, CHARLES FROGGATT .. ..	{ City Surveyor, Bower Spring, Shef- field.
1891 May 5.			
1904 Jan. 12.	}	*WILDEBLOOD, HENRY SEDDON .. ..	{ Wirral Railway, New Brighton, Cheshire.
1873 May 20.			
1880 Feb. 24.	}	WILLCOCKS, GEORGE WALLER .. ..	{ c/o H. S. King & Co., 9 Pall Mall, S.W. 4 College Hill, E.C.
1903 Jan. 13.			
✠ { 1885 Dec. 1.	}	WILLCOCKS, Sir WILLIAM, .. ..	{ William Watson and Co., Bombay Daira Sania Co., Cairo.
1887 Apr. 19.			
1895 Mar. 5.	}	*WILLET, ARCHIBALD WILLIAM .. ..	{ L. & N. W. Ry., 9 Walton's Parade, Preston.
1891 Apr. 7.			
✠ { 1896 Apr. 14.	}	WILLIAMS, CYRUS JOHN .. ..	{ Lyttelton Harbour Board, Christ- church, N.Z.
1902 Dec. 16.			
✠ 1860 Feb. 7.	}	{ WILLIAMS, Sir EDWARD LEADER .. .. (Member of Council.)	{ The Oaks, Altrincham, Cheshire.
1879 Mar. 4.			
1886 Feb. 2.	}	{ WILLIAMS, GEORGE PHIPPS, .. .. B.A. (Cantab.)	{ Upper Riccarton, Christchurch, N.Z.
1900 Dec. 19.			
1878 Feb. 5.	}	*WILLIAMS, GILBERT PERCY .. ..	{ 14 Victoria Street, S.W. Lingfield Grange, Branksome Park, Bournemouth.
1855 May 22.			
1861 Jan. 15.	}	WILLIAMS, MORGAN BRANSBY .. ..	{ Killay House, Swansea.
1885 Dec. 1.			
1901 Feb. 16.	}	*WILLIAMS, MORGAN IVAN MAN- DERSTJERNA, M.A. (Cantab.)	{ 39 Victoria Street, S.W.
1890 Dec. 2.			
1898 Feb. 22.	}	WILLIAMS, WILLIAM HUGH .. ..	{ L. & N. W. Ry., Watford.
1897 Apr. 6.			
1901 Jan. 15.	}	*WILLIAMSON, FRANCIS STUART .. ..	{ 257 Broadway, New York, U.S.
1900 Apr. 3.			
1890 Apr. 1.	}	{ WILLIAMSON, ROBERT .. .. SUMMERSIDE	{ Cannock Wood House, Hednesford, Staffs.
1902 Dec. 2.			
1903 Feb. 3.	}	*WILLIS, HARRY ATCHISON .. ..	{ F. C. Central Cordoba, Cordoba Argentina.
1888 Jan. 10.			
1896 Dec. 22.	}	WILLMOT, JOSEPH WILLIAM .. ..	{ 41 Tufnell Park Road, N.
1877 May 1.			
1888 Jan. 17.	}	WILLOX, WILLIAM, .. ..	{ L. B. & S. C. Ry., East Croydon.
1904 Apr. 19.			
1897 Feb. 2.	}	*WILMER, HORACE .. ..	{ G. E. Ry., Stratford.
1889 Apr. 2.			
1901 Feb. 6.	}	WILMS, LUDWIG HERMANN .. ..	{ Box 88, East Rand, Transvaal.
1875 Dec. 7.			
1890 Mar. 25.	}	WILSON, ALEXANDER BASIL .. ..	{ Maryville House, Malone, Belfast.
1895 Dec. 3.			
1901 Feb. 12.	}	WILSON, ARTHUR PRANGLEY .. ..	{ 353 Mansion House Chambers, E.C.
1863 Jan. 13.			
1872 Mar. 19.	}	WILSON, ARTHUR ROSS .. ..	{ Binsur, Almora, N.W.P., India.
1886 Apr. 6.			
1897 Jan. 12.	}	*WILSON, FREDERICK JAMES .. ..	{ Arbuthnot & Co., Madras.
1878 Mar. 5.			
✠ { 1863 Jan. 13.	}	WILSON, GEORGE .. ..	{ 8 Disraeli Road, Ealing, W.
1872 Mar. 19.			
1886 Apr. 6.	}	WILSON, GEORGE .. ..	{ Redholme, Gwendolen Avenue, Putney, S.W.
1897 Jan. 12.			
1878 Mar. 5.	}	WILSON, JOHN .. ..	{ G. E. Ry., Liverpool St., E.C. (Wilson, Eastern, London.)

Date of Election and of Transfer.		MEMBERS.	
✱ { 1887 Dec. 6. }	WILSON, JOHN ALEXANDER ..	{ P. W. D., Springfield, Canterbury, New Zealand.	
1898 Nov. 29. }			
1870 Dec. 6. }	WILSON, JOHN HATTON .. ..	14 Roseville St., St. Helier's, Jersey.	
1882 Nov. 7. }			
1893 Dec. 5. }	WILSON, JOHN ROBERT ROBIN-	} 182 Chapeltown Road, Leeds.	
1903 Dec. 22. }	SON .. .. .		
1877 Feb. 6. }	WILSON, JOSEPH WILLIAM ..	{ Engineering School, Crystal Palace, S.E.	
1900 Mar. 27. }			
1884 Feb. 5. }	*WILSON, MAURICE FITZ-	} Admiralty Harbour Works, Dover.	
1895 Feb. 12. }	GERALD .. .. .		
1894 Jan. 9. }	WILSON, PEREGRINE OLIVER	{ c.o. F. Wilson, 7 Devonshire Square, Bishopsgate Street, E.C.	
1899 Jan. 10. }			
1875 Dec. 7. }	WILSON, ROBERT .. .. .	{ 7 St. Andrew's Place, Regent's Park, N.W.	
1882 May 23. }			
1876 Apr. 4. }	WILSON, ROBERT EDWARD ..	8 Quality Court, Chancery Lane, W.C.	
1883 Nov. 13. }			
✱ 1886 Dec. 7. }	WILSON, WALTER STUART ..	175 Hope Street, Glasgow.	
1881 Apr. 5. }	WINGFIELD, CHARLES HUM-	} 15 Bilton Road, Rugby.	
1896 Apr. 21. }	PHREY .. .. .		
1897 Jan. 12. }	WINSER, SIDNEY BEAUFOY ..	Eastwood, Hathersage, Sheffield.	
1877 May 29. }	WINSTANLEY, GEORGE .. ..	Crackley Hall, Kenilworth.	
1902 Dec. 23. }			
1888 Dec. 4. }	WISE, BERKELEY DEANE ..	Northern Counties Ry., Belfast.	
1884 Mar. 4. }	WOLFE, JOHN EDWARD .. ..	{ 24 Belsize Crescent, Hampstead, N.W.	
1889 Dec. 3. }	WOLFF, WILLIAM HENRY ..	B. B. & C. I. Ry., Bombay.	
1898 Nov. 29. }			
1881 May 31. }	*WOLLEY-DOD, FRANCIS, F.C.H.	139 Holland Road, W.	
1899 Feb. 28. }			
1883 Feb. 6. }	*WOOD, ARTHUR PRESCOTT ..	Waterworks Shanghai, China.	
1902 Dec. 2. }			
1903 Jan. 13. }	WOOD, ERNEST SEYMOUR ..	5 Fairlie Place, Calcutta.	
1868 May 5. }	WOOD, JOHN .. .. .	18 Bank Street, Carlisle.	
✱ { 1884 Feb. 5. }	WOOD, JOHN MACKWORTH ..	New River Office, Clerkenwell, E.C.	
1900 Dec. 19. }			
1892 Dec. 6. }	WOOD, JOHN THOMAS .. ..	3 Cook Street, Liverpool.	
1880 Feb. 3. }	WOOD, <i>Sir</i> LINDSAY, <i>Bart.</i> ..	Southill, Chester-le-Street.	
1892 Apr. 5. }	WOOD, WALTER EDMUND ..	4 Teresa Terrace, Coatham, Redcar.	
✱ { 1872 Dec. 3. }	WOODALL, CORBET .. .. .	{ 9 Bridge Street, Westminster, S.W. (Westminster 160.)	
1877 Oct. 30. }			
1886 Mar. 2. }	WOODALL, HENRY .. .. .	7 South Parade, Llandudno.	
1896 Feb. 4. }	WOODALL, HENRY .. .. .	{ 9 Bridge Street, Westminster, S.W. (Westminster 160.)	
1903 Dec. 22. }			
1891 Mar. 3. }	WOODCOCK, WILLIAM HUGH ..	2 Great George Street, S.W.	
1866 Dec. 4. }	WOODS, EDWARD HENRY ..	{ 110 Cannon Street, E.C. (Fundum, London.)	
1873 May 20. }			
1881 Dec. 6. }	*WOODS, RICHARD JOHN, }	} Royal Indian Engineering College, Staines.	
1899 Apr. 18. }	M.E. ( <i>Royal</i> ), F.C.H. .. ..		
m ✱ { 1892 Feb. 2. }	*WORDINGHAM, CHARLES HENRY	{ Aubrey House, Kew Road, Rich- mond, Surrey.	
1899 Dec. 12. }			
1884 Mar. 4. }	WORSDELL, THOMAS WILLIAM	Stoneycroft, Arnside, Carnforth.	
1886 Feb. 2. }	WORSDELL, WILSON .. .. .	N. E. Ry., Gateshead-on-Tyne.	
1898 Nov. 29. }			
t ✱ { 1881 Feb. 1. }	WORTH, JOHN EDWARD .. ..	{ County Council, Spring Gardens, S.W.	
1893 Nov. 14. }			
1839 Apr. 23. }	WORTHINGTON, SAMUEL BARTON	Mill Bank, Bowdon, Cheshire.	
1861 Jan. 8. }			
✱ { 1880 Jan. 13. }	*WORTHINGTON, WILLIAM BAR-	} Chief Engineer, L. & Y. Ry., Manchester.	
1884 May 27. }	TON, B.Sc. ( <i>Lond.</i> ) .. ..		
T t ✱ 1870 Jan. 11. }	WRAGGE, EDMUND .. .. .	{ 4 Marlborough Hill, St. John's Wood, N.W.	

Date of Election and of Transfer.		MEMBERS.	
1884 Mar. 4.	WRIGHT, JAMES WALKER ..	{	Fairview, De Pary's Avenue, Bedford.
1875 Mar. 2.	WRIGHT, JOHN .. .. .	{	5 Queen's Park, Paignton, S. Devon.
1885 Apr. 14.	WRIGHT, <i>Hon.</i> JOHN ARTHUR	{	Government Resident, Albany, Western Australia.
1888 Feb. 7.}	WRIGHT, JOHN JAMES .. ..	{	Ivanhoe, Old Palace Gardens, Weybridge.
1901 Jan. 15.}			
1884 Mar. 4.	WRIGHT, WILLIAM .. .. .	{	Ashridge House, Spalding, Lines.
1859 Jan. 11.}	WRIGHT, WILLIAM BARTON ..	{	c.o. Constitutional Club, Northumberland Avenue, W.C.
1869 Dec. 7.}			
C ✚ { 1869 Dec. 7.	{ WRIGHTSON, <i>Sir</i> THOMAS, }	{	5 Victoria Street, S.W.
1877 May 29.	{ <i>Bart.</i> , M.P. .. .. . }		
1895 Apr. 2.	WRIGHTSON, WALSH, C.M.G. ..	{	Port of Spain, Trinidad.
1888 Feb. 7.}	*WYNNE-EDWARDS, HUGH	{	Sir John Jackson, Simons Town, South Africa.
1900 Apr. 3.}			
1904 Apr. 19.	WYNNE, TREVREDYN RASHLEIGH	{	132 Gresham House, Old Broad Street, E.C.
1881 May 3.}	WYRILL, RALPH HENRY .. ..	{	Guildhall, Swansea.
1901 Dec. 11.}			
1879 Mar. 4.}	YABBICOM, THOMAS HENRY ..	{	City Engineer, Bristol.
1898 Nov. 29.}			
✚ { 1869 Dec. 7.}	YARROW, ALFRED FERNANDEZ	{	Isle of Dogs, Poplar, E. (Yarrow, London. Eastern 114.)
1879 Nov. 4.}			
	( <i>Member of Council.</i> ) .. ..		
1876 May 2.	YOCKNEY, SYDNEY WILLIAM ..	{	53 Victoria Street, S.W. (Yockney, London. 53 Victoria.)
✚ 1872 Apr. 9.	YOUNG, EDWARD WILLIAM ..	{	Rouwkoop, Rondebosch, C.C.
1865 Apr. 4.}	YOUNG, JAMES .. .. .	{	Salroyd, Thornlaw Road, West Norwood, S.E. [S.W.]
1884 Dec. 23.}			
1886 May 4.	YOUNG, JAMES .. .. .	{	c.o. Grindlay & Co., Parliament St.,
1876 Dec. 5.}	{ YOURDI, GEORGE NICHOLAS, }	{	Cwm Elan, Rhayader, Radnorshire.
1884 Jan. 8.}			
	{ B.A.I. ( <i>Dubl.</i> ) .. .. . }		
1884 Mar. 4.}	ZACHARIASEN, LARS SEVERIN ..	{	9 Bridge Street, Westminster, S.W. (Zachariasen, London.)
1896 Nov. 16.}			
1887 May 24.}	{ ZEAL, <i>Sir</i> WILLIAM AUSTIN, }	{	5 St. James's Buildings, William Street, Melbourne, Victoria.
1895 May 21.	ZIFFER, EMANUEL ALOIS ..	{	I Giselastrasse 9, Vienna.

Total number of Members .. .. 2,177.



## ASSOCIATE MEMBERS.

[Assoc. M. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, have been transferred into this class by the Council.*

Date of Election.		ASSOCIATE MEMBERS.	
1880 May 4.	ABBEY, JOE BURMAN .. ..	34A New Street, Huddersfield.	
1893 May 2.	ABBOT, FREDERICK WILLIAM	{ 620 Chestnut Street, St. Louis, Mo., U.S.	
1891 Dec. 1.	*ABBOTT, GEORGE HERBERT ..	Waterworks Office, Southport.	
1891 Dec. 1.	*ABBOTT, JAMES HARTLEY ..	Aldercliffe, Haverbreaks, Lancaster.	
1899 Apr. 11.	ABBOTT, SYDNEY HARRY ..	{ Municipal Buildings, Johannesburg, Transvaal.	
1880 Mar. 2.	*ABERCROMBIE, FRANCIS .. ..	23 Upper Wimpole Street, W.	
1902 Apr. 8.	*ACFIELD, JOSHUA EDWARD ..	City Engineer's Office, Leeds.	
1877 Feb. 6.	ACKERMANN, ADOLPHUS WILLIAM	Elm Cottage, Sidmonth.	
1892 Dec. 6.	{ *ACKERMANN, ALFRED SEABOLD	47 Victoria Street, S.W. (P.O. Telephone—Victoria 244.)	
	{ ELI .. .. .		
1895 Dec. 3.	{ ACKLAND, CHARLES GEORGE	Catteral House, Chestnut Avenue, Hampton-on-Thames.	
	{ HEER .. .. .		
1897 Mar. 2.	ACKLAND, THOMAS JOHN HENRY	{ St. Michael's, Holmes Grove Road, Westbury-on-Trym.	
1877 Dec. 4.	*ACLAND, LAWFORD MACLEAN..	{ P.W.D., Giant's Tank, Mannar, Ceylon.	
1902 Dec. 2.	ACOCKS, HERBERT FRANCIS ..	{ Coope & Matthews, 9 Victoria Street, S.W.	
1889 Feb. 5.	*A COURT, SIDNEY .. .. .	{ 39 Victoria Street, S.W. (Togatus, London.)	
1897 Mar. 2.	*ACTON, EDWARD VINCENT ..	{ Water & Sewerage Dept., Port of Spain, Trinidad.	
1894 Dec. 4.	ACTON, WILLIAM WALTER ..	Kwala Kangsar, Perak, S.S.	
1894 May 22.	{ ADAIR, GERALD ARTHUR,	65 Lower Mount Street, Dublin.	
	{ B.A.I. (Dubl.) .. .. .		
1887 Mar. 1.	*ADAM, JAMES, F.C.H. .. ..	King, King & Co., Bombay.	
1900 Jan. 9.	{ ADAM, MATTHEW ATKINSON,	29A Abbey Road, N.W.	
	{ B.Sc. (Glas.) .. .. .		
1891 Dec. 1.	*ADAM, ROBERT .. .. .	{ Harbour Works, Salina Cruz, Oaxaca, Mexico.	
1879 Feb. 4.	ADAMES, CORNELIUS GEORGE..	Avondale, London Rd., Portsmouth.	
1893 Apr. 11.	ADAMS, ALEXANDER .. ..	P.W.D., Bombala, New South Wales.	
1903 Jan. 13.	*ADAMS, BERTRAM KEITH ..	L. & Y. Ry., Crofton, Wakefield.	
1894 May 1.	ADAMS, BURNET .. .. .	{ Surveyor-General, Orange River Colony.	
m 1899 Jan. 10.	*ADAMS, HENRY CHARLES. ..	37 Waterloo Street, Birmingham.	
1900 Feb. 6.	{ *ADAMS, HENRY REGNIER	56 Dunchurch Road, Rugby.	
	{ CAMPBELL .. .. .		
1900 Dec. 4.	ADAMS, SAMUEL HENRY .. ..	Adams-Hydraulics, York.	
1883 Jan. 9.	*ADAMS, THOMAS .. .. .	{ Engineer's Office, North Staffs. Railway, Stoke-on-Trent.	
1901 Mar. 5.	{ ADAMS, WILLIAM CHATTERTON,	Polytechnic School of Engineering, Ghizeh, Cairo.	
	{ B.A.I. (Dubl.) .. .. .		
1887 May 3.	ADAMSON, MICHAEL .. ..	16 Stopford Road, Plaistow, E.	
1889 Dec. 3.	*ADDIS, FREDERICK HENRY ..	Grindlay, Groom & Co., Bombay.	
1901 Dec. 3.	*ADDIS, ROBERT BAWN, F.C.H.	Grindlay, Groom & Co., Bombay.	
✠ 1880 Dec. 7.	*ADDISON, PERCY LEONARD ..	Park House, Bigrigg, Cumberland.	



Date of  
Election.

## ASSOCIATE MEMBERS.

1898 Dec. 6.	{ *ADLER, HENRY GEORGE VER-	{ c.o. Mellor, Smith & May, 1 Moorgate
	GOTTINI. . . . .	Place, E.C.
1895 May 21.	AGABEG, FRANK JOSEPH ..	Apcar & Co., Sitarampore, Bengal.
1897 Feb. 2.	AHLERS, RUDOLPH OSWALD ..	{ Dharwar Goldfields, Gadag P.O., Bombay.
1890 Feb. 4.	AINSWORTH, ALFRED EDWARD	{ Midland Ry., 11 Queen's Road, Nottingham.
✠ 1899 Mar. 7.	AITCHISON, GOWRIE COLQUHOUN	Glynperis, Llanberis, N. Wales.
1901 Dec. 3.	{ AITKEN, THOMAS MARTIN, B.Sc. (Glas.) .. .. .	126 Greenwich Road, S.E.
1883 May 29.	*ALBRIGHT, JOHN FRANCIS ..	{ 96 Elm Park Gardens, S.W. (Ken- sington 652.)
1892 Dec. 6.	{ *ALBUQUERQUE-MARANHAO, Af- FONSO DE OLIVEIRA DE ..	22 Rua do Comercio, Natal, Rio Grande do Norte, Brazil.
1902 Apr. 8.	ALCOCK, ARTHUR HENRY ..	11 Springfield Place, Leeds.
1899 Dec. 5.	*ALDIS, BASIL STEADMAN ..	{ 43 Alkham Road, Stoke Newington, N.
1883 Mar. 6.	{ *ALDRIDGE, JAMES GEORGE WILLCOX .. .. .	9 Victoria Street, S.W.
1894 May 22.	ALEXANDER, EDWARD SEYMOUR	{ South Indian Ry., Trichinopoly, India.
1904 Mar. 1.	*ALEXANDER, JAMES .. ..	Engineers' Office, N.E.R., York.
1894 Dec. 4.	ALEXANDER, JOHN HENRY ..	Grindlay, Groom & Co., Bombay.
1904 Apr. 12.	ALEXANDER, JOSEPH GEORGE	167 Grosvenor Road, S.W.
1904 Feb. 2.	{ *ALEXANDER, ROBERT DONALD THAIN .. .. .	33 Skerton Road, Old Trafford, Manchester.
1892 May 3.	*ALEXANDER, WILLIAM .. ..	7 Burlington Gardens, Acton, W.
1895 Dec. 3.	*ALEXANDER, WILLIAM .. ..	{ Caledonian Ry., Buchanan Street Station, Glasgow.
1892 Feb. 2.	*ALFORD, JOHN SIDNEY .. ..	{ G. Chatterton, 6 The Sanctuary, Westminster, S.W.
1889 Dec. 3.	*ALLAN, JOHN FREDERICK ..	Apartado 990, Mexico.
1878 May 7.	ALLEN, ALFRED .. ..	{ 47 Victoria Street, S.W. (West- minster 402.)
1898 Mar. 1.	ALLEN, FRANCIS WILLIAM ..	Boro' Surveyor's Office, Leicester.
1883 Feb. 6.	ALLEN, GEORGE THOMAS ..	148 Brockley Road, Brockley, S.E.
1896 Mar. 3.	*ALLEN, GORDON .. ..	{ 54 Kenilworth Avenue, Wimbledon, S.W.
1903 Jan. 13.	{ *ALLEN, HAROLD GWYNNE, B.A. (Cantab.) .. .. .	Queen's Works, Bedford.
1893 Dec. 5.	ALLEN, MARCUS .. ..	Oakdene, Knutsford, Cheshire.
M ✠ 1881 Apr. 5.	*ALLEN, PERCY RUSKIN .. ..	Ferncliffe, Higher Runcorn, Cheshire.
1898 Feb. 1.	ALLEN, RAYMOND CECIL ..	Chief Surveyor, Uganda, East Africa.
1892 May 24.	ALLEN, RICHARD WILLIAM	Queen's Works, Bedford.
1900 Feb. 6.	ALLEN, SIDNEY .. ..	G. C. Ry., Guide Bridge, Manchester.
1885 Dec. 1.	ALLEN, WILLIAM MILWARD ..	{ 199 High St., Chorlton-on-Medlock, Manchester.
1885 Dec. 1.	{ *ALLIMAN, FRANÇOIS ALBERT LOUIS .. .. .	2nd Line 23, Vassiljewskij Ostrov, St. Petersburg.
1897 Feb. 2.	ALLISON, HARRY PIGOTT ..	F. & C. Osler, Calcutta.
1893 Dec. 5.	ALLISON, JOHN LOGIE .. ..	{ Ross & Holgate, North British & Mercantile Building, St. François Xavier Street, Montreal, Canada.
m 1895 Dec. 3.	*ALLOTT, HENRY NEWMARCH ..	46 Brown Street, Manchester.
1891 Jan. 13.	*ALLPORT, DOUGLAS, Jun. ..	6 Newton Grove, Chiswick, W.
1904 Apr. 12.	{ ALLSOPP, JOHN WILLIAM KIDSTON .. .. .	"Holywell," Madeley Road, Ealing,
1894 Dec. 4.	*ALLUM, FREDERIC WARNER ..	G. Dixie, Roorkee, N.W.P., India.
1897 Jan. 12.	AMAN, FREDERICK THEODOR ..	City Engineer's Office, Liverpool.
1892 Mar. 1.	AMES, ERNEST FITZROY ..	46 Green Street, Park Lane, W.
1885 Apr. 14.	AMOR, JUSTIN VICTOR WILFRID	5 South Parade, Bedford Park, W.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Mar. 7.	{*AMPHLETT, EDWARD ALBIN, B.E. ( <i>Sydney</i> ) .. .. .}	Harbour Trust, Sydney, N.S.W.
1890 May 6.	ANDERSON, ARTHUR ROBERT ..	S.M. Ry., Dharwar, Bombay.
1900 Feb. 6.	*ANDERSON, ATHOL LANCELOT	{Admiralty Breakwater Office, St. Elmo, Malta.
✠ 1899 Jan. 10.	ANDERSON, CHARLES WILLIAM	Harbour Works, Penang, S.S.
C ✠ 1883 Dec. 4.	*ANDERSON, EDWARD WILLIAM	{Lesney, Warwick Road, Solihull, Birmingham.
1883 Dec. 4.	ANDERSON, GEORGE GRAY ..	{North-West Irrigation Co., Leth- bridge, Alberta, da.
1892 Mar. 1.	ANDERSON, GEORGE WILLIAM	Gasworks, Whyteleafe, Surrey.
1885 May 19.	*ANDERSON, HERBERT WILLIAM	{Fairfield, Broom Road, Teddington. (Kingston 186.)
1889 May 7.	ANDERSON, JAMES .. .. .	Box 191, Germiston, Transvaal.
1881 Apr. 5.	ANDERSON, JOHN .. .. .	160 High Street, Montrose.
1894 Dec. 4.	*ANDERSON, JOHN REID .. ..	{London Sanitary Protection Assoc., 13 Charles St., St. James's, S.W.
1897 Mar. 2.	ANDERSON, JOHN WEMYSS ..	University College, Liverpool.
1890 Dec. 2.	{ANDERSON, JOSHUA THOMAS NOBLE, B.E. ( <i>Royal</i> ) .. ..}	Drainage Board, Dunedin, N.Z.
1893 Jan. 10.	*ANDERSON, PIERCIE SEVERN ..	Dredging Co., Cairo.
1889 Dec. 3.	*ANDERSON, ROBERT BRUCE ..	{5 Westminster Chambers, Victoria Street, S.W.
1897 Mar. 2.	*ANDERSON, ROBERT HAY ..	Apartado 866, Mexico City.
1887 Feb. 1.	{*ANDERSON, ROBERT OGILVIE NEWTON, B.A.I. ( <i>Dubl.</i> ) ..}	Bagar Serai, Perak, S.S.
1881 May 3.	ANDERSON, ROBERT SANDERS ..	County Surveyor, Peebles, N.B.
1884 Dec. 2.	ANDERSON, THOMAS .. .. .	58 South Woodside Road, Glasgow.
1902 Dec. 2.	ANDERSON, TOM SCOTT .. ..	8 Southbourne Road, Sheffield.
1896 Dec. 1.	{ANDERSON, WALTER VICKER- STAFF .. .. .}	City Surveyor, Winchester.
1904 Apr. 12.	ANDERSON, WILLIAM FERGUSON	{Caledonian Railway, Engineer's Office, 3 Germiston Street, Glasgow.
1875 May 11.	ANDRÉ, GEORGE GUILLAUME ..	Gunpowder Mills, Tonbridge.
1891 Dec. 1.	ANDREONI, LUIS .. .. .	{Central Uruguay Ry., Monte Video, Uruguay.
1894 Dec. 4.	{ANDREWS, GEORGE SAMUEL BURT .. .. .}	Box 1049, Johannesburg, Transvaal.
1885 Apr. 14.	{ANDREWS, JOSEPH DEVONPORT FINNEY .. .. .}	2 Park Avenue, East Sheen.
1903 Apr. 7.	ANDREWS, LEONARD .. .. .	{Key Engineering Co., 14 College Land, St. Mary St., Manchester.
1889 Dec. 3.	{ANDREWS, SAMUEL GEORGE THORNTON .. .. .}	Cefn Eithen, Swansea.
1888 Dec. 4.	ANDREWS, WILLIAM WALLACE	Port Darwin, N.T., South Australia.
1898 Apr. 5.	ANGEL, ROBERT JOHN .. ..	{Town Hall, Spa Road, Bermondsey, S.E.
1883 Mar. 6.	ANGELL, JOHN ALEXANDER ..	District Council, Beckenham, S.E.
1861 Dec. 3.	ANLEY, JAMES LEMPRIERE ..	Oakley, Cheltenham.
1896 Dec. 1.	ANNAN, WILLIAM CRAIG ..	Gorakhpur, N.W.P., India.
1875 Dec. 7.	{ANSON, FREDERICK HENRY, M.A. ( <i>Oxon.</i> ) .. .. .}	28 Victoria Street, S.W.
1892 Feb. 2.	*ANTHONY, ALBERT EVERSHERD	35 East Street, Brighton.
1881 Apr. 5.	ANTILL, BENJAMIN HILLIER ..	12 Queen Anne's Gate, S.W.
1898 Apr. 5.	*ANZORENA, JACINTO .. ..	Mendoza, Argentina.
m ✠ 1890 Apr. 1.	*APPLEBY, PERCY VAVASSEUR ..	London Engine Works, Leicester.
t ✠ 1901 Mar. 5.	APPLEYARD, ROLLO .. .. .	{80 St. Mary's Mansions, Paddington, W.
1897 Apr. 6.	ARBUTHNOTT, DONALD STEWART	9 Clarendon Place, Stirling.
1890 May 20.	ARCHER, OAKELEY .. .. .	Seremban, Malay States.
1883 May 1.	ARGENTI, EDUARDO .. .. .	Calle de Alarcon 1, Madrid.
1891 Feb. 3.	ARMER, JAMES .. .. .	{Birch & Co., 3 London Wall Build- ings, E.C.



Date of  
Election.

## ASSOCIATE MEMBERS.

	1882 May 23.	ARMISTEAD, RICHARD .. ..	8 Charles Street, Bradford.
	1890 Apr. 1.	ARMITAGE, CHARLES .. ..	Gasworks, Lancaster.
	1893 Feb. 7.	{*ARMITAGE, FREDERICK RHODES, B.A. ( <i>Cantab.</i> ) .. .. .}	Noan, Thurles, co. Tipperary.
	1894 Feb. 6.	ARMSTRONG, CHARLES FREDERICK	Egyptian Dredging Co., Cairo.
	1898 Dec. 6.	ARMSTRONG, DAVID WILLIAMS	{Bridges Branch, P.W.D., Sydney, N.S.W.
	1884 Dec. 2.	{ARMSTRONG, LAWRENCE HEN- NESSEY CLUBBY .. .. .}	Holmwood, Happy Valley, Mus- soorie, India.
	1897 Apr. 6.	ARMSTRONG, SAMUEL GEORGE	Box 2139, Johannesburg, Transvaal.
	1891 Dec. 1.	ARNALL, THOMAS WILLIAM ..	City Surveyor's Office, Birmingham.
	1878 Feb. 5.	ARNEIL, JAMES ABRAHAM .. ..	57 Belmont Road, Southampton.
	1904 Apr. 19.	ARNEY, ARTHUR EDWARD ..	P.W.D., Perth, Western Australia.
✠	1899 Apr. 11.	*ARNOLD, FRANK WILLIAM ..	{42 Summerfield Crescent, Birming- ham.
	1890 Dec. 2.	ARNOLD, THOMAS .. .. .	19 John Street, Llanelly.
	1891 Dec. 1.	*ARNOT, ARTHUR JAMES .. ..	83 Pitt Street, Sydney, N.S.W.
	1902 Dec. 2.	ARNOTT, HENRY DUDLEY .. ..	171 High Street, Gorleston-on-Sea.
	1891 May 12.	AROCENA, CARLOS ALBERTO ..	Calle de Piedras 163, Monte Video.
	1881 Feb. 1.	ARROW, JAMES THOMAS .. ..	{Mines Water Supply, Perth, Western Australia.
	1876 Apr. 4.	*ARTEAGA, RODOLFO DE .. ..	72 Calle Buenos Ayres, Monte Video.
m	1902 Apr. 8.	*ARTER, ARTHUR MARSHALL ..	60 Upper Mall, Hammersmith, W.
	1904 Jan. 12.	*ARTHUR, ALLAN .. .. .	192A St. Vincent Street, Glasgow.
✠	1881 Dec. 6.	ARTINGSTALL, SAMUEL GEORGE	13 S. Hamilton Avenue, Chicago, U.S.
	1874 Apr. 14.	ASHBURY, THOMAS .. .. .	17 St. Ann's Square, Manchester.
✠	1885 Apr. 14.	*ASHCROFT, ANDREW GEORGE ..	1 Gainsborough Rd., Bedford Park, W.
	1897 Feb. 2.	ASHCROFT, EDGAR ARTHUR ..	82 Victoria Street, S.W.
	1894 Feb. 6.	ASHENDEN, PERCY .. .. .	{Town Hall, Rondebosch, Cape Town, C.C.
	1903 Feb. 3.	{*ASHFORTH, GEORGE ERNEST, M.Sc. ( <i>Victoria</i> ) .. .. .}	Thomas Wrigley, Contractor, Orrell, Lancs.
✠	1873 May 6.	*ASHHURST, FRANCIS HENRY ..	Bhim Tal, Montpelier Rd., Ealing, W.
	1899 Feb. 7.	*ASHLEY, HERBERT .. .. .	{Waterworks Company, Commercial Road, Portsmouth.
	1886 Apr. 6.	*ASHPITEL, FRANCIS WILLIAM ..	Parry & Co., Madras.
	1890 Feb. 4.	ASHWELL, HARRY .. .. .	{South View, Doncaster Road, Agbrigg, Wakefield.
	1893 May 16.	{*ASHWORTH, ARTHUR ALAN, M.A. ( <i>Cantab.</i> ) .. .. .}	Engineer's Office, Govt. Rys., Cape Town, C.C.
	1895 Dec. 3.	*ASKWITH, JAMES EDGAR .. ..	Waterworks, Consett, co. Durham.
	1892 Jan. 12.	*ASLETT, ALFRED HENRY .. ..	Engineer's Dept., E.I. Ry., Calcutta.
	1890 Dec. 2.	ATHIM, SAMUEL .. .. .	P.W.D., Barielly, India.
	1886 Dec. 7.	ATKINS, ALFRED .. .. .	Wanganui, N.Z.
	1885 Mar. 3.	ATKINSON, ALFRED .. .. .	Brigg, Lincs.
T t ✠	1891 Feb. 3.	*ATKINSON, CLAUDE WILLIAM ..	31 Manor Road, Beckenham.
	1885 Feb. 3.	*ATKINSON, JOHN .. .. .	Boro' Surveyor, Stockport. [S.W.
T t m ✠	1888 Dec. 4.	*ATKINSON, LLEWELYN BIRCHALL	30 Veronica Road, Upper Tooting,
	1880 Dec. 7.	*ATKINSON, ROBERT PHILIP ..	c/o H. S. King & Co., Pall Mall, S.W.
	1902 Apr. 8.	ATKINSON, WILLIAM LOWE ..	17 Cranston Road, Forest Hill, S.E.
	1894 Jan. 9.	*ATLEY, GEORGE WILLIAM PERCY	Eng.'s Office, G.C. Ry., Manchester.
	1888 Dec. 4.	ATTARD, WALTER .. .. .	41 Strada Britannica Vittoriosa, Malta.
✠	1878 Feb. 5.	ATTWOOD, GEORGE .. .. .	{13 Sise Lane, Queen Victoria Street, E.C. (Wolverly, London. Bank 5897.)
	1891 Mar. 3.	AUDEN, ARTHUR CHARLES .. ..	{30 Ancaster Drive, Anniesland, Glasgow.
	1884 Dec. 2.	AUSTEN, GEORGE IDEN .. ..	Box 536, Nyack, N.Y., U.S.
m	1904 Jan. 12.	{*AUSTEN, HAROLD CHOLMLEY MANSFIELD .. .. .}	Canon Marsh Works, Bristol.
	1888 Mar. 6.	*AUSTIN, ALBERT ERNEST .. ..	Harbour Board, Timaru, N. Zealand.
	1873 Dec. 2.	*AUSTIN, EDWARD ROBERT ..	Strangeways Ironworks, Manchester.

Date of Election.	ASSOCIATE MEMBERS.	
1896 May 19.	*AVELING, THOMAS CLIFFORD ..	{ Central House, New Street, Birmingham.
1882 May 23.	AVELING, THOMAS LAKE ..	{ Boley Hill House, Rochester.
1891 Dec. 1.	AYRES, THOMAS LAMBERT ..	{ Post Office, Durban, Natal.
✠ 1879 Feb. 4.	{ AYRTON, Professor WILLIAM EDWARD, F.R.S. .. .. }	{ Central Technical College, Exhibition Road, S.W.
✠ 1885 Apr. 14.	AYTOUN, ROBERT .. ..	{ 34 Cranbourne Terrace, Stockton-on-Tees.
1894 Jan. 9.	*BABTIE, JOHN TAYLOR .. ..	180 Hope Street, Glasgow.
1887 Dec. 6.	*BACH, FREDERICK WILLIAM ..	{ c.o. H. Bach, 18 Coleridge Road, Crouch End, N.
1896 May 5.	BACON, ARTHUR DRAX .. ..	Box 98, Johannesburg, Transvaal.
1897 Dec. 7.	{ *BADCOCK, HUGH DANIEL, M.A. (Oxon.) .. .. }	Box 440, Pretoria, Transvaal.
1892 Dec. 6.	*BADER, FREDERICK ROBERT ..	P.W.D., Sukkur, Sind, India.
1888 Mar. 6.	*BAGGS, EDWIN .. ..	3 Walcot Parade, Bath. [fast.
1892 Dec. 6.	*BAGOT, LEWIS BROWN .. ..	R.E. Office, Victoria Barracks, Bel-
1886 Apr. 6.	{ *BAGSHAW, FREDERICK THEO- DORE .. .. }	Room 14, 142 Princess Street, Winnipeg, Canada.
1887 May 24.	BAILES, WALTER HENRY .. ..	L. B. & S. C. Ry., London Bridge, S.E.
1894 Mar. 6.	*BAILEY, ARTHUR STOWEY ..	Loco. Dept., E.I. Ry., Jamalpur, India.
1901 Apr. 2.	*BAILEY, JAMES HENRY .. ..	{ Engineer's Office, G. N. Ry., King's Cross, N.
1892 Apr. 5.	*BAILEY, STANLEY CLAUDE ..	The Laurels, Banstead Road, Ewell.
1875 Dec. 7.	BAILEY, WILFRED .. ..	3 Tisbury Road, Hove.
1889 Mar. 5.	*BAILLIE, JAMES PICTON .. ..	Engineering Co., Cardigan.
1877 Feb. 6.	BAIN, THOMAS CHARLES JOHN	Woodside, Rondebosch, Cape Town.
1887 Dec. 6.	BAIRD, FRANK OSBORNE .. ..	39 Portland Road, Hove, Brighton.
1881 Dec. 6.	*BAKER, CHARLES JOHN SEYMOUR	47 Redcliffe Square, S.W.
1889 Jan. 8.	*BAKER, EARNEST WHEATSTONE	Lott and Walne, Dorchester.
1901 Jan. 12.	{ *BAKER, ERIC SAMUEL SAN- CROFT, B.A. (Cantab.) .. }	13 Wentworth Place, Newcastle-on-Tyne.
1900 Feb. 6.	{ *BAKER, FRANK, B.Sc. (Victoria) .. .. }	22 Paget Road, Wolverhampton.
1899 Dec. 5.	{ *BAKER, GEORGE ARTHUR MARSHALL .. .. }	G. C. Ry., Engineer's Office, Elm Road, Wembley.
1901 Feb. 5.	*BAKER, REGINALD FRANCIS ..	{ c.o. Clode & Baker, 66 Mark Lane, E.C.
1894 Dec. 4.	{ BAKER, TOM WILLIAM, B.A. (Cantab.) .. .. }	Broad Street House, E.C.
✠ { 1841 May 11. 1867 Mar. 26. }	BAKER, WILLIAM LEWIS .. ..	Hargrave, St. Neots. [Street, E.C.
1892 Dec. 6.	BALD, FRANCIS ALOYSIUS .. ..	Eng.'s Office, G. E. Ry., Liverpool
1897 Mar. 2.	*BALDWIN, LEONARD LUDOVIC	Melbourne St., Coalville, Leicester.
1901 Dec. 3.	{ *BALDWIN-WISEMAN, WILLIAM RALPH, M.Sc. (Victoria) .. }	4 Brundrett's Road, Chorlton-cum-Hardy, Lancs.
1894 Jan. 9.	*BALE, GEORGE ROBERT .. ..	36 Eyot Gardens, Chiswick, W.
1904 Jan. 12.	*BALFOUR, JOHN AYLMER .. ..	Anuradhapura, Ceylon.
1892 Dec. 6.	*BALL, BENJAMIN .. ..	Boro' Engineer, Nelson, Lancs.
1895 Mar. 5.	BALL, GEORGE .. ..	Urban District Council, Bexhill.
1899 Jan. 10.	BALL, JOHN, Ph.D. (Zürich) ..	Survey Dept., P.W.D., Cairo.
1899 Dec. 5.	BALL, ROBERT STEELE .. ..	189 Gleneldon Rd., Streatham, S.W.
1900 Mar. 6.	*BALLANTYNE, THOMAS .. ..	11 Sandford Place, Glasgow.
✠ 1892 May 24.	*BAMFORD, CHARLES FREDERICK	c.o. H. S. King & Co., Pall Mall, S.W.
1897 Mar. 2.	{ BAMFORD, HARRY, M.Sc. (Victoria) .. .. }	University, Glasgow.
1899 Mar. 7.	{ BANCROFT, FRANCIS JAMES, B.Sc. (Lond.) .. .. }	Town Hall, Hull.
1903 Jan. 13.	BANCROFT, FREDERICK HERBERT	88 Mosley Street, Manchester.
1891 Mar. 3.	{ BANDYOPADHYAY, KRISHNACH- ANDRA .. .. }	24 Sankaripara Road, Bhowanipur, Calcutta.
1891 Apr. 7.	BANKS, CHARLES .. ..	Oamaru, New Zealand.



Date of  
Election.

## ASSOCIATE MEMBERS.

	1890 May 20.	*BANKS, WALTER .. .. .	{ Council Offices, Heaton Norris, Stockport.
	1895 May 21.	BANKS, WILLIAM .. .. .	10 Albany Road, Rochester.
	1890 Feb. 4.	BANNISTER, MAUNSEL CASWELL	{ Cold Storage Co., 7 Mutual Buildings, Port Elizabeth, Cape Colony.
	1895 Feb. 5.	*BARBER, EDWARD HAZELDINE	{ District Council, Clowne, Chesterfield.
	1904 Feb. 2.	*BARBIER, JULES EDMOND ..	21 Corbett Road, Cardiff.
	1893 Feb. 7.	*BARHAM, HUGH GARRATT FOSTER	{ Water Engineer, Brisbane, Queensland.
m ✕	1893 Dec. 5.	*BARKER, CHARLES DAVIDSON ..	231 St. Vincent Street, Glasgow.
m ✕	1901 Jan. 8.	*BARKER, HAROLD WOOD ..	17 Woodville Terrace, Bradford.
	1892 Mar. 1.	*BARKER, JOSEPH WILLIAM ..	Town Hall, Stratford, E.
	1894 Mar. 6.	*BARKER, OSWALD .. .. .	52 Victoria Road, Swindon.
	1890 Mar. 4.	BARKER, RAYNER CHILDE, C.I.E.	{ c.o. Lt.-Col. Moores, 8 Redcliffe Gardens, Southsea.
	1895 Dec. 3.	BARKER, THOMAS .. .. .	{ 17 Woodville Terrace, Little Horton Lane, Bradford.
	1894 Dec. 4.	BARLOW, JOSEPH WILMOT ..	{ South Rand Gold Corporation, Vlakfontein East, Transvaal.
	1896 Mar. 3.	BARNARD, ADAM SEDGWICK ..	{ Electrical Adviser to Govt., Colombo, Ceylon.
	1891 Feb. 3.	*BARNARD, HENRY CUTHBERT	Railway, Ipoh, Perak, S.S.
✕	1890 May 6.	{ *BARNARD, ROBERT CARY HENSLOW .. .. . }	G.I.P. Railway, Bombay.
	1892 Dec. 6.	*BARNBY, REGINALD CLAYTON	St. Mary's House, York.
	1888 Dec. 4.	{ *BARNES, CHARLES ARTHUR ALBERT .. .. . }	Prospect House, Cape Coast Castle, West Africa.
	1896 May 5.	BARNES, JOHN .. .. .	97 Fishergate, Preston.
	1887 Dec. 6.	{ BARNES, ROBERT SAMUEL WEMYSS .. .. . }	
	1892 Dec. 6.	BARNES, SIDNEY WALTER JOHN	19 Denmark Road, Ealing, W.
	1884 Feb. 5.	BARNETT, CHARLES WILLIAM	{ Logan's Buildings, Beech Street, Penang, S.S.
	1894 Dec. 4.	*BARNETT, WALTER GEORGE ..	Grindlay, Groom & Co., Bombay.
	1894 May 1.	BARON, JOSEPH EDWARD ..	{ Ry. Dept., Existing Lines Office, Perth, Western Australia.
m ✕	1898 Mar. 1.	{ *BARRACLOUGH, SAMUEL HENRY, B.E. (Sydney) .. .. . }	University, Sydney, N.S.W.
	1887 Jan. 11.	BARRATT, JAMES .. .. .	Box 374, Sydney, N.S.W.
	1894 Dec. 4.	*BARRATT, SAMUEL HARRY HILL	13 Exeter Rd., Brondesbury, N.W.
	1886 Dec. 7.	BARRATT, THOMAS BLAME ..	{ Town Engineer, Fremantle, Western Australia.
	1891 Dec. 1.	BARRETT, ERNEST JAMES ..	Town Hall, Staines. [ham.
	1886 Dec. 7.	BARRETT, SYDNEY RUSSELL ..	Gas Dept., Council House, Birmingham.
	1896 Jan. 14.	BARRINGER, HERBERT .. ..	78 Gracechurch Street, E.C.
	1879 Mar. 4.	BARRON, CHARLES .. .. .	Ovington, Alresford, Hants.
	1896 May 5.	BARRON, JAMES, JUN. .. ..	Ribble Navigation, Preston.
	1872 Dec. 3.	BARRON, WILLIAM ADAMSON ..	6 Frederick Place, Clifton, Bristol.
	1892 Dec. 6.	*BARROW, ARTHUR ROBERT ..	Sidney, British Columbia.
	1889 Dec. 3.	*BARROWCLIFF, GEORGE HARRY	Mill Street, Loughborough.
	1889 Mar. 5.	{ *BARRY, HERBERT ALFRED LUCAS .. .. . }	{ 15 Great George Street, S.W. (Pintle London. Westminster 367.)
	1890 May 20.	BARRY, WILLIAM FITZ-GERALD	Co. Surveyor's Office, Monaghan.
	1895 Jan. 8.	*BARTLETT, EDWARD CECIL ..	{ T. Stewart, 6 St. George's Chambers, Cape Town, C.C.
	1896 Feb. 4.	BARTON, ANDREW .. .. .	{ Admiralty, 21 Northumberland Avenue, W.C.
m	1884 Feb. 5.	*BASHALL, WILLIAM .. .. .	
	1887 Dec. 6.	*BASSETT, HERBERT STANHOPE	Wayside, Ilminster, Somerset.
	1900 Dec. 4.	{ BASTOW, ARTHUR HENRY, M.A., M.C.E. (Melb.) .. .. }	P.W.D., Travandrum, Travancore.

Date of Election.	ASSOCIATE MEMBERS.	
1886 Feb. 2.	BATCHELOR, CYRIL TALWORTH	{Orton Cottage, Water Orton, Warwickshire. (Stannum, Birmingham.)
1894 May 22.	BATE, DOUGLAS CLAVELL ..	127 East Dulwich Grove, S.E.
1887 Feb. 1.	BATERDEN, JAMES RAE .. ..	{54 Brighton Grove, Newcastle-on-Tyne.
1899 Dec. 5.	BATES, WILLIAM .. ..	{Electrical Engineer's Office, Craven Street, Birkenhead.
1895 Dec. 3.	BATESON, HUGH .. ..	S. P. Ry., Fazilka, Punjab.
1887 Dec. 6.	*BATLEY, CHARLES JOSEPH ..	{Oldham Waterworks, Piethorn, Rochdale.
1893 Apr. 11.	BATTERSBY, EDMUND .. ..	Great Ness House, Baschurch.
1902 Apr. 8.	{BATTLE, WILLIAM AUBREY AYLMER .. .. .}	{Kohing, Tanuggyi, Shan States, Burma.
H ✚ 1873 Dec. 2.	BAUERMAN, HILARY .. ..	14 Cavendish Road, Balham, S.W.
1893 Dec. 5.	BAXTER, GEORGE .. ..	93 Commercial Street, Dundee.
1890 Dec. 2.	BAYLEY, GEORGE HERBERT ..	17 Cooper Street, Manchester.
1892 Feb. 2.	BAYLEY, WALTER FRANCIS ..	127 Westbourne Avenue, Hull.
1884 May 6.	*BAYLIS, PERCY .. ..	{Richmond House, Panmure Road, Sydenham, S.E.
1892 Apr. 5.	BAYLIS, THOMAS PHILIP .. ..	Borough Surveyor, Droitwich.
1884 Dec. 2.	BAYLISS, THOMAS RICHARD ..	Belmont, Northfield, nr. Birmingham.
1850 Apr. 2.	{BAYNES, CHARLES CHRISTOPHER CARLETON .. .. .}	2 South Hill Park Gardens, N.W.
1891 Apr. 7.	*BAYNES, JOSEPH HENRY ..	Maryborough, Queensland.
1900 Apr. 3.	BAZALGETTE, EDWARD, JUNR.	{Cherney, Arthur Road, Wimbledon Park, S.W.
1892 Dec. 6.	*BEADLE, FRANK EDWARD ..	{44 Morpeth Mansions, Victoria Street, S.W.
1892 Mar. 1.	*BEAL, EDWIN JAMES .. ..	Southern Outfall, Crossness, Kent.
1890 May 20.	{*BEALE, BERTRAM ROBERT, B.A. ( <i>Cantab.</i> ) .. .. .}	
1888 Jan. 10.	BEALE, HENRY FITZ GERALD	Grindlay, Groom & Co., Bombay.
1874 Jan. 13.	{*BEAMISH, GEORGE HORATIO TOWNSHEND .. .. .}	Spy Hill House, Queenstown, Cork.
1880 Mar. 2.	*BEAN, ALFRED WILLIAM THOMAS	47 Prince's Square, W.
1886 May 18.	BEAN, JOHN STENNITT .. ..	L. & N. W. Ry., Crewe.
1853 Dec. 6.	BEANES, EDWARD .. ..	Moatlands, Paddock Wood, Kent.
1891 Feb. 3.	{*BEARBLOCK, CHARLES WILLIAM JOHN, R.N. .. .. .}	5 The Terrace, Dockyard, Chatham.
1898 Dec. 6.	BEARD, ARTHUR CHARLES ..	{London County Council, Spring Gardens, S.W.
1900 Jan. 9.	BEARD, EDWIN THOMAS .. ..	4 The Crescent, Scarborough.
1903 Jan. 13.	{*BEARD, SAMUEL ROBERT HARDWIDGE .. .. .}	Harbour Works, Colombo, Ceylon.
1883 Dec. 4.	*BEARDMORE, WILLIAM LEE ..	C. E. Newnham, 19 Eastcheap, E.C.
1899 Mar. 7.	BEATON, ANGUS JOHN .. ..	{Central S. African Rys., Johannesburg, Transvaal.
1892 Apr. 5.	BEATTIE, GEORGE LENNOX ..	136 George Street, Edinburgh.
1898 Feb. 1.	{*BEATTY, JOSEPH NICHOLSON, B.E. ( <i>Royal</i> ) .. .. .}	Naylor Brothers, Clifton, near Penrith.
1903 Apr. 7.	{*BEAUMONT, EUGENE GUY EUSTON .. .. .}	22 Outer Temple, 222 Strand, W.C.
1887 Mar. 1.	*BEAUMONT, PERCY MUNRO ..	Maldon, Essex.
1891 Jan. 13.	{BECHER, CHARLES FREDERICK, B.A.I. ( <i>Dubl.</i> ) .. .. .}	County Council, Spring Gardens, S.W.
1889 Dec. 3.	*BECHER, HARRY, B.A. ( <i>Dubl.</i> )	{County Council, Spring Gardens, S.W.
1899 Jan. 10.	{BECHER, WILLIAM STEWART, B.A.I. ( <i>Dubl.</i> ) .. .. .}	Cwm Elan, Rhayader, Rads.
1893 May 16.	BECKETT, EDWARD HENRY ..	{Sanctuary House, Tothill Street, Westminster, S.W.
1885 Dec. 1.	*BECKETT, WILLIAM MARROW ..	33 Brazennose Street, Manchester.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1890 Mar. 4.	{ *BECKH, HARRY OSCAR, M.A. ( <i>Cantab.</i> ) .. .. }	{ 71 Palmerston Road, Rathmines, Dublin.
	1872 May 7.	BECKINGSALE, EDGAR WILLIAM	Eastrop Lodge, Basingstoke.
	1891 Feb. 3.	*BECKS, GEORGE ARTHUR ..	{ Broadway House, Westminster, S.W.
m	1886 May 4.	*BECKWITH, ARTHUR .. ..	Usk Paper Works, Crickhowell.
	1879 May 6.	*BEEMAN, JOSEPH SAMUEL ..	20 Maxilla Gardens, Notting Hill, W.
m	1899 Dec. 5.	*BEER, WALTER .. .. .	{ 47 Victoria Street, S.W. (Argano, London.)
	1882 Feb. 7.	*BEEVER, BERULF WATSON ..	9 Albert Square, Manchester.
	1896 May 5.	BEKENN, CHARLES FREDERIC ..	Thos. Parker, Ltd., Wolverhampton.
	1837 Jan. 11.	{ *BELCHER, HUGH WALTER, M.A. ( <i>Oxon.</i> ) .. .. }	{ 53 Drayton Gardens, S.W.
	1891 Mar. 3.	BELFIELD, REGINALD .. ..	{ Westinghouse Building, Norfolk Street, Strand, W.C.
	1897 Jan. 12.	BELL, ANDREW WALKER ..	Burgh Engineer, Dunfermline, N.B.
	1904 Jan. 12.	{ BELL, ARTHUR LANGTRY, B.E., B.A. ( <i>Royal</i> ) .. .. }	{ H.M. Dockyard, Malta.
	1895 Dec. 3.	{ *BELL, ERNEST ALBERT SEY- MOUR, F.C.H. .. .. }	{ Inglisby, Shillong, Assam.
	1881 Dec. 6.	*BELL, GEORGE .. .. .	Boro' Surveyor's Office, Swansea.
	1904 Apr. 12.	BELL, HENRY COOKE .. ..	Ardlussa, Bangor, co. Down.
	1889 Jan. 8.	BELL, JOHN FERGUSON .. ..	Gas Company, Friar Gate, Derby.
	1898 Dec. 6.	BELL, NORMAN MACLEOD ..	{ 149 Elizabeth Street, Brisbane, Queensland.
	1886 May 18.	*BELL, ORIENT .. .. .	13 William Street, Woolwich.
	1899 Apr. 11.	*BELL, WALTER HENRY .. ..	13 Uxbridge Road, Surbiton.
	1897 Dec. 7.	BELLAMY, ALFRED ROWE ..	Fordsburg, Edgeley, Stockport.
	1898 Jan. 11.	BELLAMY, CHARLES REVILL ..	Gas Department, Liverpool.
	1883 Mar. 6.	BELLAMY, HENRY FRANKLIN ..	6A Courtenay Street, Plymouth.
	1880 Apr. 6.	BELTON, WILLIAM .. .. .	Gas Light Company, Shrewsbury.
	1882 May 2.	{ BENCE-PEMBROKE, FREDERICK CHARLES .. .. . }	{ Hartland House, Bude, Cornwall.
	1885 Dec. 1.	BENEST, EDWARD BENEST SHAW	Caixa 403, Rio de Janeiro.
	1894 Mar. 6.	BENEST, HENRY .. .. .	Telegraph Works, Silvertown, E.
	1884 Feb. 5.	*BENHAM, PERCY .. .. .	60 Ridgmount Gardens, W.C. [W.]
	1903 Mar. 3.	*BENJAMIN, EDGAR LIONEL ..	92 Sutherland Avenue, Maida Vale,
	1882 Apr. 4.	BENNATON, NEWTON .. ..	E.F.O.B., Cachoeira, São Paulo, Brazil.
	1900 Apr. 3.	BENNETT, EDWARD LEIGH ..	c.o. Resident General, Selangor, S.S.
	1892 Dec. 6.	*BENNETT, GERALD WINZAR ..	The Close, Salisbury.
	1885 Apr. 14.	BENNETT, HARRY JOHN TOLER	{ 2 Wilmer Terrace, Parsonstown, Ire- land.
	1889 Apr. 2.	BENNETT, JAMES BOWER ..	12 Hill Street, Edinburgh.
	1875 Apr. 6.	BENNETT, JOHN .. .. .	13 Drayton Gardens, Kensington, S.W.
	1894 Dec. 4.	{ *BENNETT, LIONEL VAUGHAN, B.A.I. ( <i>Dubl.</i> ) .. .. }	{ 5 King's Pier, Liverpool.
	1901 Apr. 2.	BENNETT, ROBERT FORBES ..	{ Engineer's Office, G. N. Ry., King's Cross, N.
	1889 Dec. 3.	BENNETT, THOMAS .. .. .	{ Kalk Bay Municipality, Muizen- berg, Cape Colony.
	1897 Feb. 2.	BENNETT, THOMAS .. .. .	8 Hindes Road, Harrow.
✠	1880 Dec. 7.	{ BENNETT, WILLIAM BENJAMIN GEORGE .. .. . }	{ Midland Bank Chambers, South- ampton.
	1885 Dec. 1.	BEN-SAUDE, JOAQUIM .. ..	Ben-Saude & Cie., Lisbon, Portugal.
	1881 Dec. 6.	BENSON, CHRISTIAN .. ..	Govt. Rys., Sekondi, Gold Coast.
	1886 Apr. 6.	*BENSON, DAVIS EDMONDSON ..	18 Lansdowne Rd., Southport.
✠	1887 Dec. 6.	*BENSON, JOHN JAMES BOURNE	{ Executive Engineer, Ahmednagar, India.
	1898 Apr. 5.	*BENSON, WILLIAM .. .. .	Boro' Engineer's Office, Salford.
	1898 Apr. 5.	BENTLEY, JAMES HENRY .. ..	6 Fern Street, Oldham.
T t	1892 Jan. 12.	BERG, SIGVARD JOHNSON ..	Chur, Switzerland.



Date of Election.	ASSOCIATE MEMBERS.	
1902 Dec. 2.	{BERGIN, WILLIAM MARMA- DUKE, B.E. ( <i>Royal</i> ) .. .. }	Imperial Railways, Tientsin, China.
1901 Jan. 8.	{*BERGMAN, GEORGE ERNEST, B.A. ( <i>Cantab.</i> ) .. .. }	29 Priory Road, Kilburn, N.W.
1894 May 22.	*BERINGER, OTTO LEOPOLD .. ..	Fort Jamieson, Rhodesia.
1896 May 19.	*BERKELEY, ARTHUR MOWBRAY	The Alnmers, Chertsey.
1891 Mar. 3.	BERKLEY, MICHAEL GRAHAM	King, King & Co., Bombay.
m 1897 Dec. 7.	*BERRIDGE, HAROLD .. ..	{Jacobs & Davies, 128 Broadway, New York, U.S.
1896 Jan. 14.	{*BERRY, ROBERT ALEXANDER JOHN .. .. }	c.o. Agent, Southern Mahratta Ry., India.
1891 Dec. 1.	BERRY, WILLIAM WALTON .. ..	Bridgewater Trust, Walkden, Lancs.
1902 Dec. 2.	BERTHON, CLAUDE TINNE .. ..	49 Eastcheap, E.C.
1891 Apr. 7.	*BERTLIN, ANTHONY .. ..	{Contractor's Office, Gerrard's Cross, Bucks.
1897 Feb. 2.	BERTLIN, PERCY WALTER .. ..	Hilsea Tunnel Works, Cosham, Hants.
1894 Jan. 9.	*BESSEMER, ALFRED GEORGE, Jun.	{Loreto, Cottenham Park Road, Wimbledon.
1886 May 18.	*BEST, HARRY ROBERTSON .. ..	{47 Victoria St., S.W. (Nomizo, Lon- don. 3095.)
1888 May 15.	BESWICK, WILLIAM HENRY .. ..	214 Astley Street, Dukinfield.
1880 Dec. 7.	BETTS, EDWARD PETC .. ..	Hill House, Camberley, Surrey.
1897 Mar. 2.	*BEVAN, PHILIP JAMES .. ..	{12 Little College St., Westminster, S.W.
1888 Dec. 4.	BEVERIDGE, JOHN .. ..	{Metropolitan Board of Water Supply, Pitt Street, Sydney, N.S.W.
1877 Mar. 6.	*BEYNON, GEORGE WILLIAM	G. W. Ry., Reading.
1892 Jan. 12.	BEYNON, JOHN COWELL STARK	Box 2926, Johannesburg, Transvaal.
1886 May 18.	BHADA, NASARVANJI DORABJI	{Assistant Water Engineer, Stone Building, Grant Road Station, Bombay.
1897 Dec. 7.	BHORE, JOHN .. ..	{Palace Division, Government, My- sore.
1900 Jan. 9.	{BICKERDIKE, ROBERT, JUN., Ma.E. ( <i>McGill</i> ) .. .. }	180 St. James Street, Montreal, Canada.
1894 May 1.	*BICKERSTETH, EDWARD CHARLES	Ashleigh, Crewe.
1897 Apr. 6.	{*BICKERTON, WILLIAM HENRY, JUN., B.Sc. ( <i>Victoria</i> ) .. .. }	Midland Ry., New Works Dept., Derby.
1904 Jan. 12.	*BIDEN, FREDERICK ALAN .. ..	P.W.D., Hong Kong.
1902 Jan. 14.	{*BIDWELL, LEONARD SHELFORD, B.A. ( <i>Cantab.</i> ) .. .. }	61 Bushwood Road, Kew Gardens.
1875 Feb. 2.	BIEBER, ALBERT OTTO .. ..	Boulevard Exelmans 126, Paris.
✠ 1887 Dec. 6.	BIGGART, ANDREW STEVENSON	{39 Sherbrooke Avenue, Pollok- shields, Glasgow.
1900 Mar. 6.	BIGGS, ALBERT ASHLEY .. ..	King, King and Co., Bombay.
1887 Dec. 6.	BIGLEY, THOMAS MOYLES .. ..	{19 Castle Street, Liverpool. (Bigley, Liverpool. 6472.)
1892 Dec. 6.	*BILL, HERBERT EDWARD .. ..	155 Lea Road, Wolverhampton.
1892 Mar. 1.	BILTON, HENRY JOHN INWOOD	Ry. Dept., Melbourne, Victoria.
1903 Feb. 3.	{*BINDLOSS, EDWARD ALEX- ANDER MORGAN .. .. }	
1888 Dec. 4.	BINET, EDWARD PHILIP .. ..	Box 102, Krugersdorp, Transvaal.
1897 Feb. 2.	*BINGHAM, PERCY MOORE .. ..	P.W.D., Sataragamuwa, Ceylon.
1900 Dec. 4.	{*BINNIE, ALEXANDER THOMAS, B.A. ( <i>Cantab.</i> ) .. .. }	77 Ladbroke Grove, Notting Hill, W.
1903 Apr. 7.	*BINNS, ASA .. ..	{Works Dept., H.M. Dockyard, Chatham.
1896 Apr. 14.	BINNY, WILLIAM MURRAY .. ..	53 Victoria Street, S.W.
1884 Feb. 5.	{*BIRCH, EDWARD ROBERT, B.A.I. ( <i>Dubl.</i> ) .. .. }	Millview, Bridgetown, co. Donegal.
1881 Dec. 6.	BIRD, GEORGE ROWLAND .. ..	P.W.D., Bareilly, N.W.P., India.



Date of  
Election.

## ASSOCIATE MEMBERS.

1896 May 19.	*BIRD, SIDNEY JAMES .. ..	{ H.M. Prison, Johannesburg, Transvaal. [St., E.C.
1883 May 29.	*BIRD, WILLIAM HENRY .. ..	Eng.'s Office, G. E. Ry., Liverpool
1843 Mar. 7.	BIRKBECK, GEORGE HENRY .. ..	31 King Henry's Rd., Hampstead, N.W.
1883 Apr. 3.	*BIRKETT, ROBERT .. ..	33 Cavendish Rd., Brondesbury, N.W.
1900 Dec. 4.	{ *BIRKS, LAWRENCE, B.Sc. (Adelaide) .. .. }	Christchurch, N.Z.
1892 Dec. 6.	BIRNIE, NORMAN .. ..	Ry. Dept., Melbourne, Victoria.
1890 Dec. 2.	*BIRT, RAYMOND JOHN .. ..	{ c.o. Hydraulic Engineer, P.W.D., Pretoria, Transvaal.
1901 Apr. 2.	*BISHOP, CHARLES HERBERT .. ..	The Gables, Egremont, Cheshire.
1904 Jan. 12.	*BISHOP, WILFRID HOCART .. ..	J. Bishop, St. Jacques, Guernsey.
1892 Dec. 6.	*BISS, CYRIL HOLM .. ..	Ry. Dept., Auckland, N.Z.
1899 Dec. 5.	{ BITTENCOURT, ANTONIO BAP- TISTA RAMOS .. .. }	Obras Publicas, Rua do Preiachoelo, 151, Rio de Janeiro.
1894 Feb. 6.	{ BLACK, GEORGE MACARTNEY CAMPBELL .. .. }	Tilbhoom Tea Co., Chandkhira P.O., Karimganj, India.
1903 Jan. 13.	{ BLACK, JOHN FREDERICK, B.Sc. (Glas.) .. .. }	Lagarie, Row, Dumbartonshire.
m 1901 Apr. 2.	{ *BLACKBURN, ALFRED BROWN ERNEST .. .. }	Water Co., Maritime Buildings, Sunderland.
1901 Dec. 3.	{ *BLACKBURN, CHARLES BEWICKE, B.Sc. (Victoria) .. .. }	Falcon Works, Loughborough.
1885 Apr. 14.	*BLACKBURN, CHARLES HENRY	{ Garrison Engineer, Rawal Pindi, India.
1883 Feb. 6.	*BLACKBURN, EDWARD HERBERT	{ Parliament Mansions, Victoria Street, S.W.
1902 Apr. 8.	BLACKBURN, GERALD RICKETT	{ Tramways Department, 15 Bridge Street, Bradford.
1890 May 6.	BLACKBURN, JOHN .. ..	Colne Valley Waterworks, Bushey.
1893 May 2.	*BLACKER, JOHN RICHARD .. ..	The Bungalow, Kilrane, Wexford.
1881 Dec. 6.	BLACKETT, JAMES WILLIAM .. ..	Box 1121, Johannesburg, Transvaal.
1883 Feb. 6.	*BLACKMORE, GEORGE FREDERICK	{ 30 Rylett Crescent, Ravenscourt Park, W.
1895 Dec. 3.	BLACKSHAW, WALTER .. ..	P.W.D., Kuala Kangsar, Perak, S.S.
1888 Dec. 4.	BLACKSHAW, WILLIAM .. ..	Boro' Surveyor, Stafford.
1874 Apr. 14.	BLACKWELL, CHARLES .. ..	{ Mount Lookout, Cincinnati, Ohio, U.S.
1899 Mar. 7.	{ *BLAINE, FREDERICK HOWIE, B.A. (Cantab.) .. .. }	Sir Frederick Blaine, Jetty Street, Port Elizabeth, C.C.
1889 Jan. 8.	{ BLAINE, ROBERT GORDON, M.E. (Royal) .. .. }	Afton Lodge, Stanley Road, South Woodford, N.E.
1904 Jan. 12.	BLAIR, GEORGE, B.Sc. (Glas.)	{ Motor Syndicate, Underwood, Paisley.
1889 Jan. 8.	*BLAIR, GEORGE, JUN. .. ..	4 Kinnoul Place, Dowanhill, Glas-
1878 Apr. 2.	BLAIR, JAMES MACLELLAN .. ..	Clutha Ironworks, Glasgow. [gow
1890 Apr. 1.	BLAKE, GEORGE BENJAMIN .. ..	{ County Engineer, Pahiatua, Welling- ton, N.Z.
1897 Apr. 6.	BLAKE, GEORGE ROBERTSON .. ..	219 St. Vincent Street, Glasgow.
1895 May 21.	BLAKE, HENRY KYNASTON .. ..	79 Tierney Road, Streatham Hill, S.W.
1897 Feb. 2.	*BLAKE, RUSTAT, B.A. (Cantab.)	South Harrow Railway, Ealing, W.
1904 Jan. 12.	*BLAKER, WILLIAM HERBERT .. ..	{ Admiralty Harbour, Simonstown, South Africa.
1881 Feb. 1.	{ BLAKESLEY, JOHN HOLMES, M.A. (Cantab.) .. .. }	55 Victoria Street, S.W.
1869 Dec. 7.	BLAXLAND, GEORGE .. ..	Gillingham House, near Chatham.
1896 Apr. 14.	BLEAZBY, ROBERT, B.A.I. (Dubl.)	{ Ry. Dept., Coolgardie, Western Australia.
1903 Apr. 7.	BLENKINSOP, MARTIN ALFRED	Borough Engineer's Office, Cardiff.
1900 Mar. 6.	{ *BLES, CHARLES MARCUS, M.Sc. (Victoria) .. .. }	Palm House, Higher Broughton, Manchester.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Dec. 5.	BLEW, ANDERSON WEBB ..	{Cia. de Tierras, Vera, Santa Fé, Argentina.
1887 May 24.	BLIZARD, JOHN HENRY ..	Lansdowne House, Southampton.
1886 Jan. 12.	{*BLOMFIELD, VALENTINE JOHN STUART.. .. .}	D.P.W., Moss Vale, N.S.W.
1887 Mar. 1.	BLUE, JOHN ALEXANDER CRAIG	Nile Reservoir Wks., Assuan, Egypt.
1884 May 27.	BLUM, ALEXANDER SAMUEL ..	Postfach, Galgocz, Hungary.
1897 Jan. 12.	BLUNDELL, JOHN CHRISTOPHER	{G.W. Ry., Broadway, Worcester-shire. [burgh.
1891 Apr. 7.	BOATH, ROBERT .. .. .	N.B. Ry., 23 Waterloo Place, Edin.
1889 Dec. 3.	BOBY, WILLIAM .. .. .	{Salisbury House, London Wall, E.C. (Buccula, London.)
1899 Feb. 7.	BODDIE, CHARLES LITTLEBOY	County Surveyor, Londonderry.
1893 Dec. 5.	BODE, HUBERT FRANCIS TORIANO	{Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1903 Apr. 7.	*BODEN, ARTHUR LIONEL ..	34 Maitland Park Villas, N.W.
1882 Dec. 5.	BOGER, JOHN RICHARD ..	{West Middlesex Waterworks, Ham-mersmith, W.
1899 Dec. 5.	{*BOISSIÈRE, HECTOR ELIE DE, B.Sc. (Edin.) .. .. .}	Admiralty Harbour Works, Dover.
T t ✚ 1891 Dec. 1.	*BOLTON, REGINALD FELHAM ..	{Syndicate Building, Liberty and Nassau Streets, New York, U.S.
1879 Feb. 4.	*BOND, CECIL PHILIP WILLIAM	
1889 Dec. 3.	BOND, GEORGE CRESWELL ..	Aspley House, Nottingham.
1891 Jan. 13.	BOND, HORACE SAMUEL ..	Midland Ry., Brecon.
1891 Mar. 3.	BOND, WALTER .. .. .	{Town Engineer, East London, S. Africa.
1898 Apr. 5.	*BONHAM-CARTER, REGINALD..	Consulado Britannico, Linares, Spain.
1903 Apr. 7.	*BONSTOW, THOMAS LACEY ..	73 Maison Dieu Road, Dover.
1897 Mar. 2.	*BOOTH, HUBERT CECIL ..	25 Victoria Street, S.W.
1904 Jan. 12.	{BOOTHBY, BASIL TANFIELD BERIDGE .. .. .}	Bartonfields, Canterbury.
1902 Apr. 8.	{BORRETT, CHARLES ROBERT DUDLEY .. .. .}	8 Castlebar Road, Ealing, W.
1898 Dec. 6.	BOSCAWEN, PERCIVAL NOEL ..	Dockyard, Liverpool.
1893 Mar. 7.	*BOSMAN, WALTER .. .. .	P.W.D., Durban, Natal.
1886 Dec. 7.	*BOTHAMS, ALFRED CHAMPNEY	32 Clipper Lane, Salisbury.
1897 Mar. 2.	*BOTLEY, CHARLES FREDERIC	Guilddables, Hastings. [S.W.
1896 Dec. 1.	BOTTERILL, CHARLES .. ..	St. Botolph's, Fulham Palace Road,
1892 Dec. 6.	*BOTTLE, FRANK WALKER ..	46 Charlwood Street, Pimlico, S.W.
1899 Dec. 5.	BOULDEN, FREDERICK .. ..	{Technical Department, University College, St George's Square, Sheffield.
T t ✚ 1879 May 27.	BOULT, WILFRID SWANWICK ..	{32 North Side, Wandsworth Common, S.W.
1904 Apr. 19.	*BOULTON, CHARLES VALENTINE	{17 Wandle Road, Upper Tooting, S.W.
1884 Dec. 2.	*BOULTON, JAMES FETTES ..	Praya Reclamation Works, Hong Kong.
1888 May 15.	BOURCHIER, EDWARD HERBERT	{13 Queen Anne's Gate, Westminster. S.W.
1894 Jan. 9.	BOURCOUD, AGUSTIN EMILIO	{Credito Industrial Gijones, Gijon, Asturias, Spain.
1894 May 22.	BOURNE, CHARLES .. .. .	Fabbrica del Gaz, Milan.
1884 Mar. 4.	*BOURNE, JAMES JOHNSTONE ..	14 Manor Park, Lee, S.E. [S.W.
1877 Dec. 4.	BOURNE, ROBERT WILLIAM ..	c.o. Miss Bourne, 18 Hereford Square,
t ✚ 1890 Feb. 4.	*BOURNE, THOMAS JOHNSTONE	Peking Syndicate, Tientsin, China.
1900 Dec. 4.	{*BOVEY, EDWARD PALK, JUNR., B.A.Sc. (McGill).. .. .}	Briarfield, Torquay.
1896 Apr. 14.	*BOWDEN, ERNEST NEWTON ..	14 Ridgefield, Manchester.
1893 Jan. 10.	BOWDEN, FREDERICK WILLIAM	Public Offices, Grassendale, Liverpool.
1893 Apr. 11.	BOWDEN, HENRY WHITE ..	{3 Amersham Road, Putney Hill, S.W. (Battersea 392).

Date of  
Election.

## ASSOCIATE MEMBERS.

1869 Feb. 2.	BOWDEN, JOHN .. .. .	{Ridgefield, John Dalton Street, Manchester.
1899 Dec. 5.	{BOWEN, ERNEST FRANCIS SINDERBY .. .. .}	{Public Works Office, Barbados.
1881 Apr. 5.	BOWEN, JOHN .. .. .	Borough Engineer, Reading.
1900 Dec. 4.	{*BOWEN, MERVYN WILLIAM COLE, B.A.I. ( <i>Dubl.</i> ) .. .. .}	{Drainage Works, Colombo, Ceylon.
1890 Dec. 2.	BOWEN-JONES, WILLIAM THOMAS	Bronala, Carnarvon.
1899 Mar. 7.	*BOWER, THOMAS BOWYER ..	51 Wynnstay Gardens, Kensington, W.
1904 Jan. 12.	BOWER, WILLIAM NELSON ..	{Corn Exchange Buildings, Manchester.
✠ 1891 Dec. 1.	BOWES, ARTHUR .. .. .	Town Hall, Earlestown, Lancs.
1898 Mar. 1.	BOWKER, ARTHUR FRANK ..	Seal, Sevenoaks.
1893 Mar. 7.	BOWLES, AUGUSTUS ROBERT ..	Surveyor's Office, Sandgate.
1894 May 1.	*BOWMAN, ERNEST JOHN VIVIAN	{Bengal-Nagpur Ry., Adra Station. Ragundathpur P.O., Manbhum, Bengal.
1900 Dec. 4.	BOWMAN, JOHN .. .. .	Post Office, Dunedin, N.Z.
1896 Apr. 14.	BOX, EDWARD .. .. .	Smith's Dock Co., North Shields.
1903 Apr. 7.	{*BOYAJIAN, HENRY SAMUEL ROGERS .. .. .}	{Post Office, Calcutta.
1896 Apr. 14.	BOYD, ANDREW, B.E. ( <i>Royal</i> )	48 Church St., Ballymena, Ireland.
1899 Apr. 11.	BOYD, JOHN CAMPBELL ..	3A Market Arcade, Carlisle.
1880 Dec. 7.	BOYLAN, JOHN .. .. .	Imperial Chambers, Auckland, N.Z.
1902 Jan. 14.	{*BOYLE, EDWARD SEYMOUR SKINNER .. .. .}	{Hotel Tortosa, Almeira, Spain.
1895 Apr. 2.	*BOYLE, JOHN CHARTERS ..	The Mall, Armagh.
1898 Feb. 1.	BRACKEN, THOMAS WILSON ..	5 North Terrace, Newcastle-on-Tyne.
1898 Apr. 5.	{*BRACKENBURY, CHARLES ERNEST .. .. .}	{Continental Union Gas Co., 7 Drapers Gardens, E.C.
1893 Feb. 7.	{*BRADFIELD, JOHN JOB CREW, M.E. ( <i>Sydney</i> ) .. .. .}	{Roads and Bridges Dept., Sydney, N.S.W.
1889 Jan. 8.	*BRADFORD, HUGH MELLER ..	{5 Sandwell Mansions, West Hampstead, N.W.
1902 Dec. 2.	BRADFORD, MARK GORDON ..	P.W.D., Kuching, Sarawak, Borneo.
1893 Feb. 7.	*BRADLEY, ARTHUR WALTER ..	Boro' Engineer, Bury, Lancs.
1895 Dec. 3.	*BRADSHAW, JOHN BARKER ..	{R.E. Office, Rupert Lane Barracks, Liverpool.
1892 May 24.	*BRADY, CHARLES ROBERT ..	Adswood, Stockport.
1888 Mar. 6.	{BRAGA, ANTONIO LUSTOZA PEREIRA .. .. .}	{P.O. Box 642, Rio de Janeiro.
1900 Dec. 4.	*BRAID, GEORGE GLADMAN ..	{Y.M.C.A. Club, 100 Bothwell Street, Glasgow.
1891 May 5.	{BRAIN, FRANK WILLIAM THOMAS .. .. .}	{Trafalgar House, Drybrook, Glos.
1903 Apr. 7.	{BRAINE, CHARLES DIMOND HORATIO .. .. .}	{Irrigation Dept., Pretoria, Transvaal.
1884 Dec. 2.	BRAMAH, EDWARD HENRY ..	Clonsceen, Bridge of Weir, N.B.
1883 Dec. 4.	BRAMHAM, WILLIAM .. ..	86 Bow Road, E.
1894 Dec. 4.	BRANDRAM, ANDREW GEORGE	{Portsmouth Corporation, Festing Grove, Southsea.
1897 Apr. 6.	BRANFILL, BENJAMIN .. ..	26 London Rd., Neath, South Wales.
1864 May 24.	BRANFILL, JOHN ARTHUR CAPEL	25 Rosendale Rd., W. Dulwich, S.E.
1863 Jan. 13.	BRASSINGTON, JOHN WATTS ..	17 Gloucester Walk, Campden Hill, W.
1894 Dec. 4.	*BRAZIL, JOSEPH PETER .. ..	Vulcan Works, Avonside, Bristol.
1894 Dec. 4.	*BREARLEY, FREDERICK THOMAS	{Pendennis, Muizenburg, Cape Colony.
1904 Jan. 12.	{*BREARLEY, JOSEPH HENRY DRAPER, B.E. ( <i>Sydney</i> ) ..}	{Box 361, Dunedin, N.Z.
1880 Feb. 3.	*BREBNER, ROBERT CHARLES ..	4A St. Andrew Square, Edinburgh.
1890 Mar. 4.	*BREMNER, ALEXANDER .. ..	G.I.P. Ry., Akola, Berar, India.



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✠	1898 Dec. 6.	BREMNER, CHARLES EDWARD..	Waimate, South Canterbury, N.Z.
	1895 Dec. 3.	*BREMNER-DAVIS, WILLIAM JOSEPH	{ Read & Co., 5 Colston Buildings, Malvern Link.
	1888 Dec. 4.	*BRENCHLEY, JOHN VAUGHAN	Glancirw, Cardigan.
	1891 Dec. 1.	BRERETON, LEONARD .. ..	Govt. Rys., Maritzburg, Natal.
	1885 Apr. 14.	*BREWER, FRANK .. ..	25 Broad Street, New York, U.S.
	1901 Dec. 3.	{ *BREWER, ROBERT WELLESLEY ANTONY .. .. . }	Queen Anne's Mansions, St. James's Park, S.W.
	1883 May 1.	{ BREWSTER, EDWIN HENRY GEORGE .. .. . }	12 Dartmouth Street, Queen Anne's Gate, S.W.
	1879 Feb. 4.	*BRICE, EDWARD ERNEST.. ..	{ 171 Elm Park Mansions, Park Walk, Chelsea, S.W.
	1886 Mar. 2.	*BRICKNELL, FREDERICK WILLIAM	City Engineer's Office, Hull.
	1897 Jan. 12.	BRIERLEY, BRANDON TALFOURD	Linthwaite, Delph, Oldham.
	1894 Dec. 4.	BRIERLEY, JOHN HENRY .. ..	Boro' Surv.'s Office, Richmond, S.W.
✠	1877 Apr. 10.	BRIFFAULT, FREDERIC .. ..	6 Cathcart Road, Kensington, S.W.
	1884 Dec. 2.	BRIGDEN, JAMES .. ..	11 Clifton Terrace, Brighton. (37.)
	1891 Dec. 1.	BRIGGS, CHARLES .. ..	Howden, East Yorks. [S.W.
	1889 Mar. 5.	*BRIGHT, CHARLES, F.R.S.E. ..	21 Old Queen Street, Westminster,
	1889 Jan. 8.	*BRIGHT, PHILIP .. ..	2 Newgate Street, E.C.
	1904 Feb. 2.	*BRIGHTON, FREDERICK GRANT	H.M. Dockyard, Portsmouth.
	1886 Jan. 12.	*BRINCKMAN, WILLIAM HENRY	Glan y Bala, Llanberis, N. Wales.
	1900 Dec. 4.	{ *BRINDLEY, HARRY SAMUEL BICKERTON .. .. . }	3 Awoicho, Akasaka, Tokio, Japan.
	1886 Apr. 6.	*BRINE, ERNEST AUGUSTUS .. ..	{ Elmercroft, Ashwood Road, Heath- side, Woking.
	1897 Mar. 2.	BRISTED, RICHARD BOWER .. ..	c.o. R. F. Blair, 6 Eastcheap, E.C.
	1897 Apr. 6.	BRISTOW, ARTHUR GEORGE .. ..	{ St. Andrew's Works, Bury St. Edmunds.
	1897 Jan. 12.	{ *BRISTOW, CHARLES THEODORE LYTTELTON .. .. . }	Promenade Offices, Colwyn Bay, N. Wales.
	1892 Dec. 6.	BRITTAIN, SAMUEL GEORGE .. ..	Delta Light Rys., Tintah, Egypt.
	1896 Dec. 1.	BRITTEN, THOMAS JOHNSON .. ..	
C m ✠	1880 Mar. 2.	*BRITTON, PERCY WILSON .. ..	{ 23 FitzGeorge Avenue, West Ken- sington, W.
	1894 Dec. 4.	BROAD, ALBERT EDWARD .. ..	8 Fitzroy St., Newtown, Sydney, N.S.W.
	1904 Jan. 12.	*BROADBENT, FRANCIS JAMES..	University College, Bristol.
	1901 Dec. 3.	*BROADBRIDGE, WALTER .. ..	{ Sons of Gwalia Mine, Leonora, Western Australia.
	1902 Apr. 8.	{ *BRODHURST, HUGH, M.A. (Cantab.) .. .. . }	62 Old Tiverton Road, Exeter.
	1895 Dec. 3.	*BRODIE, JOHN BOYD .. ..	136 Wellington Street, Glasgow.
	1886 Dec. 7.	*BRODIE, JOHN SHANKS .. ..	Town Hall, Blackpool.
	1899 Dec. 5.	BRODIE, WILLIAM .. ..	Dockyard, Liverpool.
	1899 Dec. 5.	*BROMAGE, EDWIN ELLIOTT .. ..	{ Thames Conservancy, Embankment, E.C.
	1884 Jan. 8.	BROOKE, WALTER .. ..	{ Lympstone, Goddington Road, Rochester.
	1904 Apr. 12.	BROOKES, ALBERT MATTHEW..	{ G. W. R., Engineer's Office, Plymouth.
	1891 Dec. 1.	*BROOKS, ALBERT .. ..	{ Sir John Jackson, Admiralty Har- bour, Simon's Town, S. Africa.
	1891 May 12.	*BROOKS, ALFRED .. ..	Tweed River Harbour Works, N.S.W.
✠	1899 Apr. 11.	BROOME, GEORGE HERBERT .. ..	{ P.O., Saokatoon, Saskatchewan, Canada.
	1897 Feb. 2.	BROSTER, ROBERT BUCK.. ..	{ Craven Bank Chambers, North Street, Keighley.
	1889 May 21.	*BROUGH, JOHN WATKINS .. ..	{ Fabrique de Ciment Portland, Raevels, Belgium.
m	1883 May 1.	*BROUGHTON, URBAN HANLON..	42 Broadway, New York, U.S.



Date of Election.		ASSOCIATE MEMBERS.	
1894 May 1.	BROWN, ANDREW .. ..	{	110 Cannon Street, E.C. (Browpost, London. Bank 647.)
1890 Apr. 1.	*BROWN, ARTHUR RICHARD ..	{	Billiter Square Buildings, E.C. (Embedded, London. Avenue 598.)
1900 Apr. 3.	BROWN, CHARLES JOHN .. ..	{	Engineer's Office, North British Railway, Edinburgh.
1901 Dec. 3.	BROWN, CUTHBERT .. ..	{	Boro' Surveyor and Water Engineer, Chelmsford.
1887 Mar. 1.	BROWN, EDWARD JOHNSON ..	{	16 Bigby Street, Brigg, Lincs.
1883 Dec. 4.	*BROWN, FREDERICK BENJAMIN	{	7 Albion Road, Sutton, Surrey.
1882 May 23.	BROWN, GEORGE WILLIAM ..	{	Trollhättan, Alexandra Road, Reading (251).
1900 Apr. 3.	BROWN, JAMES .. ..	{	21 Cranwich Road, Stamford Hill, N.
m 1893 Dec. 5.	*BROWN, JOHN WALTER .. ..	{	57 Gracechurch Street, E.C. (Vitri-fied, London. Central 858.)
1895 May 21.	{BROWN, MATHEW TAYLOR, B.Sc. (Glas.) .. ..}	{	233 St. Vincent Street, Glasgow.
1892 Feb. 2.	*BROWN, PETER BOSWELL ..	{	15 Osgathorpe Crescent, Sheffield.
1897 Mar. 2.	BROWN, REGINALD .. ..	{	Public Offices, Southall, Middlesex.
1877 Dec. 4.	BROWN, THOMAS COMMON ..	{	147 Woodbridge Road, Ipswich.
1897 Dec. 7.	*BROWN, WILLIAM, B.Sc. (Edin.)	{	Irrigation Dept., Colombo, Ceylon.
f m 1902 Jan. 14.	{*BROWN, WILLIAM LOWE, M.Sc. (Victoria) .. ..}	{	Nile Reservoir, Assouan, Egypt.
1903 Feb. 3.	{*BROWNE, BENJAMIN CHAPMAN, JUN. .. ..}	{	8 Lambton Road, Newcastle-on-Tyne.
1895 May 21.	*BROWNE, GERARD MACLEAY ..	{	4 Hanbury Street, Kalgoorlie, Western Australia.
1889 Apr. 2.	BROWNE, JOHN .. ..	{	Galdames Ry., Portugalete, Spain.
1902 Jan. 14.	*BROWNE, WILLIAM LYON ..	{	Charing Cross, Euston & Hampstead Ry., 20 Victoria Street, S.W.
1889 Dec. 3.	BROWNING, ROBERT ALEXANDER	{	Gasworks, Neath.
1887 Jan. 11.	*BROWNRIDGE, CHARLES .. ..	{	Boro' Engineer, Birkenhead.
1892 Feb. 2.	BRUCE, HENRY .. ..	{	67 Crossgate, Cupar, Fife, N.B.
m ✠ 1904 Jan. 12.	*BRUCE, ROBERT .. ..	{	Engineer's Dept., London County Council, Spring Gardens, S.W.
1895 May 21.	BRUCE, ROBERT ARTHUR ..	{	Buckton & Co., Wellhouse Foundry, Leeds.
1888 Apr. 10.	{*BRUCE, ROBERT NIGEL DALRYMPLE, Major 3rd W. Riding Regiment .. ..}	{	33 Belsize Crescent, Hampstead, N.W.
✠ 1884 Mar. 4.	*BRUGES, CHARLES ERNEST ..	{	1 Victoria Street, S.W.
1889 Apr. 2.	BRUNDRETT, ALEXANDER ..	{	1 Plasturton Avenue, Cardiff.
1886 May 4.	BRUNTON, PHILIP GEORGE ..	{	Roads & Bridges Dept., Sydney, [N.S.W.]
1889 Feb. 5.	*BRUNTON, SYDNEY LINTON ..	{	Arc Works, Chelmsford. [N.S.W.]
1900 Dec. 4.	BRYANS, JOHN GEORGE .. ..	{	Estacion Palermo, F.C. Pacifico, Buenos Aires.
1900 Feb. 6.	BRYCE, JOHN .. ..	{	Burgh Surveyor's Office, Partick, Glasgow.
1892 Dec. 6.	*BRYDGES, JOHN KEMPE ..	{	Electricity Works, Eastbourne.
1894 Dec. 4.	*BUCHAN, JAMES .. ..	{	Rhodesia Rys., Box 420, Bulawayo, South Africa.
1884 Dec. 2.	BUCHANAN, JAMES BEAUMONT	{	H. S. King & Co., Pall Mall, S.W.
1890 Jan. 14.	*BUCHANAN, JOHN BLAIR ..	{	G. S. Buchanan, 21 Ashton Terrace, Glasgow.
1899 Dec. 5.	BUCHANAN, JOHN HUGH ..	{	5 Oswald Street, Glasgow.
1903 Apr. 7.	*BUCKLEY, ARTHUR BURTON, Jun.	{	Contractor's Office, New Bute Dock, Cardiff. [Bingley.]
1900 Dec. 4.	BUCKLEY, HERBERT EDWIN ..	{	Marlbro' Terrace, Park Road,
1895 Dec. 3.	BUCKLEY, JOSEPH WILLIAM ..	{	Gasworks, Falmouth.
1897 Jan. 12.	BUCKLEY, MICHAEL JAMES ..	{	26 Bessboro' Terrace, N.C.R., Dublin
1894 Feb. 6.	*BUCKNALL, HARRY .. ..	{	P.W.D., Jaffna, Ceylon.

Date of Election.	ASSOCIATE MEMBERS.	
1890 Feb. 4.	BUDHBHATTI, KESHAVJI SHAMJI	P.W.D., Bhuj, Cutch, India.
1896 Dec. 1.	*BULFIN, IGNATIUS, B.A. ( <i>Royal</i> )	{ Boro' Electrical Engineer, Southcote Road, Bournemouth.
1888 May 15.	*BULL, HARRY FREESTONE ..	County Surveyor's Office, Chester.
1881 Dec. 6.	BULL, JAMES .. .. .	Valverde, Eaton Gardens, W. Brighton.
1876 Mar. 7.	BULL, WILLIAM .. .. .	{ c.o. Mrs. Bull, 153 Westbourne Terrace, W.
1885 Dec. 1.	BULLOCK, CYRUS .. .. .	67 King Street, Manchester.
1887 Mar. 1.	BULLOCK, FRANK .. .. .	150 Leadenhall Street, E.C.
1885 May 19.	BULLOUGH, ROBERT CROSSLEY	55 Piccadilly, Manchester.
1890 Dec. 2.	BULLOUGH, THOMAS ALLEN ..	{ Delfside, Deacon Road, Appleton, Widnes.
1897 Apr. 6.	BULMAN, HARRISON FRANCIS ..	{ Barends Close, Burnopfield, co. Durham.
1890 Feb. 4.	BULMER, GEORGE HARLEY ..	Alquife, Guadix, Spain.
1891 Dec. 1.	*BULTEEL, HILLERSDEN ..	Naval Bank, Plymouth.
1883 Dec. 4.	*BUNNING, CHARLES ZIETHEN ..	{ c.o. British Consular Agent, Panderna, Constantinople.
1891 Apr. 7.	{ BURDEN, ALEXANDER MITCHELL, B.E. ( <i>Royal</i> ) .. .. .	County Surveyor, Kilkenny.
1874 Jan. 13.	*BURDER, WALTER CHAPMAN ..	Horticultural Works, Loughborough.
1903 Apr. 7.	BURDON, HARRY .. .. .	The Manse, Lasswade, N.B.
1896 Jan. 14.	BURDON, JOHN .. .. .	101 Grosvenor Road, S.W.
1904 Feb. 2.	*BURFORD, ALFRED WILLIAM ..	{ 94 Minard Road, Hither Green, Catford, S.E.
1904 Apr. 12.	*BURGE, HENRY .. .. .	17 St. John's Road, Chelmsford.
1892 Apr. 5.	*BURGESS, ARTHUR JOHN ..	{ 13 Woodstock Avenue, Redland, Bristol.
1898 Mar. 1.	{ BURKITT, JAMES PARSONS, B.E. ( <i>Royal</i> ) .. .. .	County Surveyor, Enniskillen, Ireland.
✠ 1898 Mar. 1.	BURLS, GEORGE ARTHUR ..	{ Steam Carriage Co., Homefield, Chiswick, W.
1888 Dec. 4.	BURMAN, ERNEST SYDNEY ..	Town Hall, Melbourne, Victoria.
1904 Apr. 12.	*BURN, WALTER .. .. .	Council Offices, Sutton-in-Ashfield.
1895 Dec. 3.	*BURNE, EDWARD LANCASTER	88 Woodside Green, S. Norwood, S.E.
1894 Mar. 6.	*BURNETT, CUTHBERT MILLER	24 Portland Street, Southampton.
1904 Jan. 12.	{ *BURRELL, JAMES THOMAS HAROLD RICHARD HUGH LEDICOTTE .. .. .	15 Vernon Road, East Sheen, S.W.
1886 Apr. 6.	*BURRELL, LEONARD .. .. .	37 Rua Santa Luzia, Rio de Janeiro.
1895 Dec. 3.	*BURROUGH, EDWARD SAVILLE	Eanswythe, Thornton Heath.
1895 May 21.	BURROWS, EDMUND .. .. .	Swellendam, Cape Colony.
1885 May 19.	BURT, ARTHUR HAZELDEIN ..	Lismore, New South Wales.
1883 May 29.	*BURT, HENRY PARSALL .. ..	{ Oudh & Rohilkund Ry., Lucknow, India.
1896 Dec. 1.	*BURTON, AMOS .. .. .	Borough Engineer, Stoke-on-Trent.
1885 Dec. 1.	*BURTON, GEORGE LEWIS ..	{ Warren Road, Blundellsands, Liverpool.
1894 Mar. 6.	BUSCARLET, FRANCIS CHARLES	{ N.E. Ry., Engineer's Office, Newcastle-on-Tyne.
1902 Apr. 8.	BUSH, WALTER ERNEST .. ..	Boro' Engineer, Sudbury, Suffolk
1895 Feb. 5.	BUSHE, ROBERT JOHN SCOTT	P.W.D., Georgetown, British Guiana
1900 Feb. 6.	{ *BUSHELL, CHARLES LESTOURGEON .. .. .	Grindlay, Groom & Co., Bombay.
1881 May 31.	{ BUSK, CHARLES WESTLY, M.A. ( <i>Cantab.</i> ) .. .. .	Kokanee Creek, Nelson, British Columbia.
1896 Dec. 1.	BUTCHER, ARTHUR HOLT ..	The Vicarage, Brimscombe, Stroud.
t ✠ 1895 Feb. 5.	BUTLER, DAVID BUTLER ..	41 Old Queen St., Westminster, S.W.
1884 Feb. 5.	BUTLER, JAMES .. .. .	{ Merlewood, Kenilworth Road, Leamington.
1904 Apr. 12.	{ BUTLIN, WILLIAM TRENTHAM SYMONS .. .. .	Admiralty, 21 Northumberland Avenue, W.C.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1881 Dec. 6.	BUTT, HENRY WILLIAM .. ..	{ Eng.'s Office, S.E. Ry., London Bridge, S.E. [C.C.]
m ✚	1899 Feb. 7.	*BUTTERWORTH, ARTHUR SHAW	Municipal Engineer, Port Elizabeth
	1902 Dec. 2.	*BYRDE, EDWIN AUGUSTUS ..	{ Bengal-Nagpur Ry., PEPENDAHEC, Seoni Chappara, C.P., India.
	1889 Dec. 3.	BYRES, DAVID THOMSON ..	104 Hamilton Place, Aberdeen.
	1901 Apr. 19.	BYWATER, FREDERICK JONATHAN	Gas Works, Saltley, Birmingham.
	1877 Dec. 4.	CABEZAS, ADOLFO GARCIA ..	Matagorda Graving Dock, Cadiz.
	1889 Jan. 8.	CABLE, HENRY DARLINGTON ..	Brooklyn, Walsingham Rd., Hove.
✚	1892 Dec. 6.	*CACCIA, JULIAN EDWARD ..	24 Via Gino Capponi, Florence.
	1882 May 2.	*CAFFIN, FRANCIS CRAWFORD	Western House, Marlow, Bucks.
	1890 May 20.	*CAFFIN, HERBERT ALEXANDER	G.E. Ry., Lowestoft.
	1894 Jan. 9.	CAINK, THOMAS .. ..	Guildhall, Worcester.
	1886 Dec. 7.	CAIRNCROSS, THOMAS WILSON	{ Duncan Chambers, Shortmarket Street, Cape Town, C.C.
	1891 Apr. 7.	*CAIRNES, FREDERICK EVELYN	
	1896 Dec. 1.	CAIRN-HODGE, ARTHUR .. ..	{ Watson & Co., 7 Waterloo Place, S.W.
	1902 Dec. 2.	CALDER, WILLIAM .. ..	City Engineer, Prahran, Victoria.
	1883 Dec. 4.	*CALDICOTT, HARVEY .. ..	Sports Club, St. James's Square, S.W.
	1887 May 24.	CALLAN, NICHOLAS .. ..	Harbour Engineer, Dundalk.
	1884 May 6.	CALLCOTT, JOHN HOPE .. ..	{ Whitminster Lodge, Whitminster, Stonehouse, Glos.
	1886 Dec. 7.	CALLEN, THOMAS .. ..	
	1902 Dec. 2.	CALVERT, ERNEST ALDERSON	15 Tadema Road, Chelsea, S.W.
	1894 Dec. 4.	*CALVERT, THOMAS COPLEY ..	Maybank, Manly, N.S.W.
	1899 Feb. 7.	{ *CAMERON, ARCHIBALD PRES- TON, B.A. (Cantab.) .. .. }	Grindlay & Co., Calcutta.
	1901 Apr. 2.	*CAMERON, ARTHUR .. ..	{ Engineer's Office, N.E. Ry., New- castle-on-Tyne.
	1885 Apr. 14.	CAMERON, JAMES .. ..	{ 1 Maitland Avenue, Langside, Glas- gow.
	1893 Dec. 5.	CAMERON, JOHN MINDORO ..	D.P.W., Sydney, N.S.W.
	1891 Dec. 1.	{ CAMERON, WILLIAM LOCHIEL SAPTE LOVETT .. .. }	Superintending Engineer, Belgaum, India. [S.W.]
	1885 Apr. 14.	CAMPBELL, ALBERT JOHNSTONE	22 Gledhow Gardens, S. Kensington,
	1899 Apr. 11.	*CAMPBELL, CHARLES ORR ..	{ Biddenham House, Biddenham, Bedford.
	1886 May 4.	CAMPBELL, GEORGE MURRAY ..	Mount House, Brasted, Kent.
	1883 Dec. 4.	CAMPBELL, ROBERT LEWIS ..	King, King & Co., Bombay.
	1886 Mar. 2.	CAMPBELL, WALTER HOPE ..	{ Egerton, Hubbard & Co., St. Peters- burg.
	1875 Apr. 6.	*CAMPBELL, WILLIAM DUGALD	{ Cremorne Street, South Perth, W. Australia.
	1881 Apr. 5.	CAMPBELL-THOMPSON, JOHN ..	Hull.
	1894 May 22.	*CAMPION, FREDERIC ARTHUR	G.N. Ry., Peterborough.
	1892 Apr. 5.	CANBY, THOMAS .. ..	L. & N. W. Ry., Walsall.
	1878 Feb. 5.	CANET, GUSTAVE ADOLPHE ..	Avenue Henri Martin 87, Paris.
	1886 Jan. 12.	CANNING, THOMAS .. ..	{ Aragon House, Clytha Park, New- port, Mon.
	1899 Feb. 7.	CANNON, WILLIAM HENRY ..	{ St. Ronans, Leicester Road, New Barnet, Herts.
	1885 Dec. 1.	*CAPRON, ATHOL JOHN .. ..	Green Oak, Totley, Sheffield.
✚	1890 Jan. 14.	CARDEW, JOHN HAYDON .. ..	75 Pitt St., Sydney, N.S.W. (436.)
	1875 Feb. 2.	*CARDOZO, FRANCISCO CORREA DE M.	Pernambuco.
	1896 Mar. 3.	*CAREW-GIBSON, HARRY FREDERICK	Lake Copais Co., Mollni, Greece.



Date of  
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## ASSOCIATE MEMBERS.

	1893 Feb. 7.	*CAREW-GIBSON, JOHN GEORGE	Bridge House, Wallingford, Berks.
	1888 Jan. 10.	*CAREY, EVELYN GEORGE ..	{ Sunnyside Avenue, Uddingston, Glasgow.
	1871 Mar. 7.	*CARFRAE, JAMES ALSTON ..	Holme Lodge, Wimbledon, S.W.
	1877 Dec. 4.	CARLINE, JOHN .. ..	Merivale, Catford Bridge, S.E.
	1894 Feb. 6.	*CARMICHAEL, GEORGE HENRY	{ Marwood View, Cotherstone, Darlington.
	1891 Mar. 3.	*CARNE, FREDERICK WILLIAM..	Chenab Canal, Lyallpur, Punjab.
in ✱	1893 Dec. 5.	*CARNEGIE, DAVID .. ..	207 Abbeyfield Road, Sheffield.
	1903 Apr. 7.	CARNEGIE, FRANCIS .. ..	Laboratory, Arsenal, Woolwich.
	1902 Apr. 8.	CARNEGIE, WILLIAM ... ..	Laboratory, Arsenal, Woolwich.
	1889 Dec. 3.	*CARPENTER, JESSE FAIRFIELD	Cazenovia, New York, U.S.
	1889 Apr. 2.	CARPENTER, WILLIAM JOHN ..	Gasworks, Great Yarmouth.
	1891 Mar. 3.	*CARPMAEL, HENRY GIFFORD..	3 St. Aubyns Mansions, Hove.
	1897 Apr. 6.	CARPMAEL, HERBERT .. ..	{ 42 Barrow Road, Streatham Common, S.W.
	1901 Feb. 5.	*CARPMAEL, RAYMOND .. ..	{ G.W. Ry. Harbour Works, Good- wick, Pembrokeshire.
	1894 Feb. 6.	*CARR, LAWRENCE STATTER ..	1 Craufurd Terrace, Maidenhead.
	1889 Dec. 3.	*CARRICK, HENRY HAWKSHAW	N.E. Ry., Sunderland.
	1896 Jan. 14.	*CARROLL, ALEXANDER ERNEST	{ N. L. Ry., Engineer's Office, Cam- den Town Station, N.W.
	1894 Dec. 4.	*CARTE, HUMFREY ALLEYNE ..	{ 16 Lonsdale Road, Harborne, Bir- mingham.
	1892 Dec. 6.	*CARTE, RALPH GEORGE .. ..	P.W.D., Ceylon.
	1894 Dec. 4.	*CARTER, GEORGE FEARNLEY..	Borough Engineer, Croydon.
	1871 Dec. 5.	*CARTER, HENRY .. ..	{ 65 Victoria Street, S.W. (Sanita- tion, London.)
	1884 Dec. 2.	*CARTER, RODERICK EDMOND ..	c.o. H. S. King & Co., Pall Mall, S.W.
	1900 Dec. 4.	{ *CARTER, WILLIAM BELLING- HAM, B.A.I. ( <i>Dubl.</i> ) .. ..	E. I. Ry., Sahebgunga, Bengal.
	1901 Apr. 23.	CARTER, WILLIAM CHARLES ..	{ 27 Connaught Road, Harlesden, N.W.
	1876 Feb. 1.	*CARTMELL, JOSEPH .. ..	Maryport and Carlisle Ry., Maryport.
	1904 Feb. 2.	*CARTWRIGHT, CECIL LEONARD	Braintree House, Cobham, Surrey.
	1902 Jan. 14.	{ CARTWRIGHT, EDMUND BRUCE WILLOUGHBY, M.A. ( <i>Cantab.</i> )	{ 1 Campden House Terrace, Ken- sington, W.
	1895 Mar. 5.	*CARTWRIGHT, FRANK .. ..	{ Municipal Commission, Howrah, Bengal.
	1887 Dec. 6.	{ *CARUS - WILSON, CHARLES ASHLEY, M.A. ( <i>Cantab.</i> ) ..	{ 41 Old Queen Street, Westminster, S.W.
	1900 Dec. 4.	{ CARVER, THOMAS ALBERT BRIGGS, D.Sc. ( <i>Glas.</i> ) .. ..	118 Napiershall Street, Glasgow.
	1890 Jan. 14.	*CARY, ARTHUR PITT CHAMBERS	66 Duke's Avenue, Chiswick, W.
	1881 Apr. 5.	CARY, SULYARDE BERNARD ..	Himalayan Ry., Darjeeling, India.
	1904 Jan. 12.	*CASE, CECIL BERTRAM .. ..	24 Ladbroke Gardens, Notting Hill, W.
	1892 Jan. 12.	CASEBOURNE, CHARLES BASTOW	{ The Cottage, Greatham, Stockton- on-Tees.
	1891 Jan. 13.	{ *CASHMAN, WILLIAM ALOYSIUS, B.E. ( <i>Royal</i> ) .. ..	{ Eng.'s Office, G.W.Ry., Paddington, W.
	1891 Dec. 1.	CASTILLA, HENRY COUPER ..	P.W.D., Perth, Western Australia.
	1884 Apr. 1.	{ CAVALCANTI, JOSÉ BARBALHO UCHÔA .. ..	Rua da Alfandega 6, Rio de Janeiro.
	1892 Apr. 5.	CAWS, BYRON FRANK .. ..	R.E. Office, 44 Charing Cross, S.W.
	1903 Apr. 7.	CHADWELL, CHARLES .. ..	Mervyn, Blackburn.
	1904 Jan. 12.	*CHADWICK, KENNETH MURRAY	City Engineer's Office, Leeds.
	1882 Mar. 7.	*CHADWICK, WILLIAM, F.C.H.	c.o. H. S. King & Co., Pall Mall, S.W.
	1893 Dec. 5.	CHALMERS, GEORGE .. ..	{ Villa Nova de Lima Estado de Minas, Morro Velho, Brazil.
	1894 Mar. 6.	CHALMERS, NATHANIEL .. ..	{ Amabele-Butterworth Ry., Komgha, Eastern Province, Cape Colony.



Date of  
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## ASSOCIATE MEMBERS.

	1899 Dec. 5.	*CHAMBERLAIN, WILLIAM YOUNG	Harbour Office, Belfast.
	1904 Jan. 12.	*CHAMBERS, ALFRED EUSTACE	{c.o. H. S. King & Co., 65 Cornhill, E.C.
	1890 Mar. 4.	*CHAMBERS, CHARLES .. ..	Box 1049, Johannesburg, Transvaal.
	1904 Mar. 1.	*CHAMBERS, HARRY KITSON ..	{H.M. Naval Establishment, Rosyth, Inverkeithing, N.B.
	1897 Mar. 2.	CHAMBERS, MARCUS STANLEY	{Preece & Cardew, 8 Queen Anne's Gate, Westminster, S.W.
	1893 Apr. 11.	CHAMPION, ALFRED JOHN ..	12 Dartmouth St., Westminster, S.W.
t ✚	1891 Jan. 13.	{ CHAMPION, HENRY VINE, M.C.E. (Melb.) .. .. }	87 Queen Street, Melbourne, Victoria.
	1878 Feb. 5.	CHANCELLOR, JOHN THORNTON	104 Queen Victoria Street, E.C.
	1886 Dec. 7.	CHAPMAN, ALBERT BARNES ..	Court House Chambers, Buxton.
	1883 Apr. 3.	*CHAPMAN, ARTHUR DODWELL	Govt. Rys., Port Elizabeth, C.C.
	1897 Apr. 6.	CHAPMAN, GEORGE GRANT ..	Govt. Rys., Bulawayo, Rhodesia.
	1888 Dec. 4.	CHAPMAN, GEORGE JAMES ..	War Office, Horse Guards, S.W.
	1876 Mar. 7.	CHAPMAN, JAMES LAWRENCE ..	The Haven, Wembley.
	1900 Dec. 4.	*CHAPMAN, JESSE EDWARD ..	{Walter Scott & Middleton, Broad- way, Worcestershire.
	1894 Dec. 4.	*CHAPMAN, SAMUEL CHRISTOPHER	Water Engineer, Torquay.
	1892 May 3.	*CHAPMAN, THOMAS HOWARD ..	P.W.D., Colombo, Ceylon.
	1900 Dec. 4.	{*CHARLES, ALEXIS AMAND DALLISON .. .. }	Elm Tree Lodge, Duffield, Derby.
	1886 Apr. 6.	{*CHARNOCK, Professor GEORGE FREDERICK .. .. }	Technical College, Bradford.
	1887 Mar. 1.	*CHARRINGTON, EDMUND .. ..	63 Queen Victoria Street, E.C.
m ✚	1892 Dec. 6.	{*CHATTERTON, ALFRED, B.Sc. (Lond.) .. .. }	College of Engineering, Madras.
m	1894 Apr. 3.	*CHATTERTON, BERTRAM .. ..	10 Mundania Rd., Peckham Rye, S.E.
	1901 Mar. 5.	{ CHATWOOD, ARTHUR BRUNEL, B.Sc. (Lond.) .. .. }	Prudential Buildings, Nelson Square, Bolton.
	1881 Dec. 6.	*CHAUNTLER, FRANK .. ..	Sunny Lawn, Weymouth. (205.)
	1899 Apr. 11.	*CHEEKE, WILLIAM ALEXANDER	Baulking Grange, Faringdon, Berks.
	1900 Dec. 4.	CHETTLE, WILLIAM ARTHUR ..	86 Haverhill Road, Balham, S.W.
	1898 Feb. 1.	{CHETWYND, HENRY GOULBURN WILLOUGHBY .. .. }	Tadworth, Epsom.
	1886 Apr. 6.	CHILD, GEORGE CHARLES .. ..	{Kingston Metal Works, Smethwick, Birmingham.
	1883 May 29.	{*CHIPPERFIELD, WILLIAM RICHARD HOPKINS .. .. }	P.W.D., Port Elizabeth, Cape Colony.
	1888 May 1.	*CHISHOLM, ROSS .. ..	
	1894 Feb. 6.	{*CHRIST, HARRY GEORGE, B.Sc. (Lond.) .. .. }	82 Underhill Road, Lordship Lane, S.E.
	1881 Dec. 6.	CHRISTIE, HARRY BATHURST ..	
	1890 Feb. 4.	CHRISTIE, WILLIAM INNES ..	{Central Ry., Rosario de Santa Fé, Argentina.
	1886 Dec. 7.	*CHUBB, HARRY WITHERS ..	43 Glengall Rd., Old Kent Rd., S.E.
	1897 Dec. 7.	CHURCH, RICHARD JAMES ..	Uganda Ry., Mombasa, East Africa.
	1899 Mar. 7.	{CHURCHWARD, ERNEST COLE- RIDGE .. .. }	Bramwell & Harris, 34 North Bridge Street, Edinburgh.
✚	1879 Feb. 4.	{*CHURCHWARD, WILLIAM PAT- RICK .. .. }	Via Carlo Farini 9, Milano.
	1893 Dec. 5.	*CHUTE, JOHN HENRY CHALONER	Castle Coote, Roscommon, Ireland.
	1902 Jan. 14.	*CLAPHAM, WALTER .. ..	Saxonbury, Petersfield Road, Mid- Sleaford, Lincs. [hurst.
	1883 Jan. 9.	CLARE, JESSE .. ..	8 Bright's Crescent, Edinburgh.
	1885 Dec. 1.	CLARK, ALEXANDER .. ..	{Compañía Electricidad del Río de La Plata, Casilla Correo 49, La Plata, Argentina.
M f ✚	1888 Dec. 4.	*CLARK, EDWARD GEORGE ..	54 Leander Road, Brixton Hill, S.W.
	1902 Feb. 4.	{*CLARK, EDWARD VINCENT, B.S. (Adelaide) .. .. }	

Date of Election.	ASSOCIATE MEMBERS.
1899 Dec. 5.	*CLARK, FRANKLIN .. .. . H.M. Dockyard, Halifax, Nova Scotia.
1897 Jan. 12.	{ CLARK, GEORGE MUIRHEAD, } Civil Service Club, Cape Town, C.C. M.A. ( <i>Cantab.</i> ) .. .. . }
1891 Feb. 3.	*CLARK, GILBERT .. .. . 183 Westcombe Hill, Blackheath, S.E.
1903 Feb. 3.	*CLARK, JOHN MARTIN .. .. . 39A Philbeach Gardens, Kensington
1897 Dec. 7.	{ CLARK, LINDESAY COLVIN, } Briseis, Derby, Tasmania. [S.W.] M.C.E. ( <i>Melb.</i> ) .. .. . }
1894 Dec. 4.	*CLARK, WILLIAM BETHAM .. Govt. Rys., Sierra Leone, W. Africa.
1891 May 5.	CLARK, WILLIAM FREDERICK .. The Poplars, Aldridge, Walsall.
1886 May 18.	CLARKE, CHARLES HARWOOD .. { Engineer's Dept., N.E. Ry., New- castle-on-Tyne.
1890 Apr. 1.	*CLARKE, CHARLES STANLEY .. 17 Victoria Street, S.W.
1893 Feb. 7.	*CLARKE, EDMUND .. .. . { Fernleigh, Trafalgar Road, Camber- well, Victoria.
1899 Mar. 7.	CLARKE, FREDERICK WILLIAM { Harbour Works, Harrington, Man- ning River, N.S.W.
1901 Dec. 3.	CLARKE, GEORGE EDGAR .. Boro' Surveyor, Boston, Lincs.
1901 Apr. 23.	CLARKE, HENRY MATTHIAS .. { Tanjong Pagar Dock Co., Singapore, S.S.
1883 Dec. 4.	CLARKE, HENRY WILLIAM .. New Bute Dock Contract, Cardiff.
1896 May 19.	CLARKE, HERBERT .. .. . { E. C. Hare, Masonic Temple, San Francisco, Calif., U.S.
1896 Dec. 1.	CLARKE, HERBERT GEORGE .. City Engineer's Office, Nottingham.
1889 Dec. 3.	*CLARKE, JOHN FOLLIOTT MOSTYN { Surrey Commercial Docks, En- gineer's Office, Rotherhithe, S.E.
1899 Apr. 11.	CLARKE, OWEN HENRY .. .. . { Thames Conservancy, Victoria Em- bankment, E.C.
1904 Apr. 19.	CLARKE, RICHARD ELLIOTT .. { 6 The Terrace, R.N. Hospital, Haslar, Gosport.
1893 May 16.	{ CLARKE, RICHARD FREDERICK } H. S. King & Co., Pall Mall, S.W. DODD .. .. . }
1899 Dec. 5.	CLARKE, ROBERT WILLIAM ..
1890 Dec. 2.	*CLARKSON, THOMAS .. .. . { Jesmond, Southborough Road, Chelmsford.
1898 Dec. 6.	{ CLARRY, WILLIAM ALFRED } Surveyor, Sutton Coldfield. HENRY .. .. . }
1895 Dec. 3.	*CLAYPOOLE, ALBERT HENRY .. City Engineer's Office, Bristol.
1865 May 2.	CLAYTON, ALFRED .. .. . Hampton Street, Brighton, Victoria.
1893 Jan. 10.	*CLAYTON, FRANK, F.C.H. .. King, King & Co., Bombay.
1895 Dec. 3.	*CLAYTON, RICHARD HAWORTH Chestnut House, Horbury, Wakefield.
1888 Dec. 4.	*CLEAVER, HENRY LOWTHIAN .. { Eastern Bengal State Ry., Saidpur, India.
1881 Mar. 1.	*CLEGG, CHARLES .. .. .
1900 Apr. 3.	CLEGG, HARRY .. .. . Boro' Surveyor's Office, Felixstowe.
1904 Jan. 12.	CLELAND, ALLAN FRASER .. Stanthorpe, Queensland.
1904 Apr. 12.	{ CLEMENT, MILD MAY THOMAS } 22 Waltham Terrace, Blackrock, CHARLTON, B.A.I. ( <i>Dubl.</i> ) .. co. Dublin.
1879 Mar. 4.	CLEMINSON, JOHN .. .. . { St. Paul's Chambers, Ludgate Hill, E.C.
1872 Dec. 3.	CLEMMEY, WILLIAM HENRY .. 81 Trinity Road, Bootle, Liverpool.
1874 May 12.	CLIMIE, WILLIAM .. .. . { R. F. Cornwell, 80 Pine St., New York, U.S.
1898 Dec. 6.	*CLOTHIER, HENRY WILLIAM .. { Messrs. S. Z. de Ferranti, Hollin- wood, Lanes.
1891 Dec. 1.	CLOUGH, ALFRED .. .. . 74 Lark Lane, Sefton Park, Liverpool.
1891 Dec. 1.	{ COAKES, GEORGE SHOREY, } Dundee, Natal. B.A. ( <i>Cape</i> ) .. .. . }
1889 Dec. 3.	COALES, HERBERT GEORGE .. District Council, Market Harborough.
1885 Feb. 3.	COATES, THOMAS .. .. . The Poplars, Darlington.
1886 Feb. 2.	COATES, WILLIAM .. .. . 95 Horton Grange Road, Bradford.
1890 Dec. 2.	COATH, DAVID DECIMUS .. .. . { Rosenlauri, Elms Avenue, Muswell Hill, N.

Date of Election.	ASSOCIATE MEMBERS.	
1895 May 21.	{ *COBB, FREDERIC EDWARD } THEODORE .. .. .	Public Health Dept., Melbourne, Victoria.
1893 Dec. 5.	COBBETT, WILBERFORCE ..	62 West Street, Fareham, Hants.
1879 Apr. 1.	COBBOLD, EDGAR STERLING ..	{ All Stretton, Church Stretton, Salop.
1892 Dec. 6.	*COCHEMÉ, ALFRED ERNEST ..	Sirhind Canal, Ferozepore, India.
1889 Mar. 5.	*COCHRANE, FRANCIS JAMES ..	
1890 Apr. 1.	COCKBURN, Sir ROBERT, Bart.	Pennoxstone Court, Ross, Hereford.
1889 Mar. 5.	COCKBURN, SIDNEY MANTHORP	Rest Hotel, Kenton, N.W.
1898 Jan. 11.	COCKEY, FREDERICK GEORGE..	{ 74 Overstrand Mansions, Battersea Park, S.W.
1894 May 1.	COCKRILL, THOMAS .. ..	Glencoe, Biggleswade, Beds.
1888 Feb. 7.	*COCKSHOTT, FRANCIS EDWARD	Manpur, Gya, Bengal.
✠ 1899 Feb. 7.	{ COKER, ERNEST GEORGE, M.A. } (Cantab.), D.Sc. (Edin.) ..	McGill University, Montreal.
1900 Apr. 3.	COLE, CHARLES HENRY .. ..	H.M. Dockyard, Malta.
✠ 1886 Apr. 6.	*COLE, CHARLES JOHN .. ..	{ c.o. H. S. King & Co., 65 Cornhill, E.C.
1901 Apr. 23.	{ COLE, REGINALD SORRÉ, } M.A. (Cantab.) .. .. .	Church Road Station, Garston, Liverpool.
1876 Mar. 7.	COLE, THOMAS .. .. .	{ 11 Victoria Street, S.W. (Bisecting, London. Westminster 588.)
1890 Dec. 2.	*COLE, WILLIAM BARTHOLOMEW	{ Resident Engineer's Office, London Bridge Widening, Adelaide Place, E.C.
1895 Mar. 5.	COLEMAN, FREDERICK ALBERT	65 Calabria Road, Highbury, N.
1904 Jan. 12.	*COLEMAN, GEORGE STEPHEN ..	City Surveyor's Office, Manchester.
1893 Feb. 7.	*COLES, FRANCIS GEORGE .. ..	4 Shirley Road, Southsea.
1886 Dec. 7.	*COLES, WALTER JOSEPH .. ..	The Gables, Bass Street, Derby.
1893 Jan. 10.	{ COLLIER, HUGH MORTIMER } HERBERT .. .. .	New Dock Works, Middlesbro'.
1903 Apr. 7.	COLLINGE, THOMAS PEEL ..	City Engineer's Office, Carlisle.
1898 Dec. 6.	{ COLLINGRIDGE, HARVEY, } B.Sc. (Lond.) .. .. .	73 Grove Road, Wanstead, Essex.
1892 Dec. 6.	*COLLINS, ADRIAN CHARLES ..	61 Old Broad Street, E.C.
✠ 1891 Dec. 1.	*COLLINS, HENRY FRANCIS ..	{ J. H. Collins & Sons, Salisbury House, Finsbury Circus, E.C.
1877 Mar. 6.	COLLINS, HENRY RAMSAY ..	Russell Street, Durban, Natal.
1895 Dec. 3.	COLLINS, W. HEPWORTH ..	
1902 Jan. 14.	*COLLINS, WILLIAM .. ..	{ Wargrave, Croydon Road, Beckenham.
1897 Mar. 2.	*COLLINSON, ARTHUR .. ..	N. E. Ry. Loco. Dept., York.
1897 Apr. 6.	*COLLIS, OLIVER JAMES .. ..	{ Holmhurst, South Road, Brighton, Victoria.
1891 Mar. 3.	*COLLIS, WILLIAM HENRY ..	{ 7 Barn Hill Road, Wavertree, Liverpool.
t ✠ 1888 Mar. 6.	*COLQUHOUN, WILLIAM .. ..	Plas Penyddoe, Bersham, Wrexham.
1887 May 24.	{ *COLTON, CHARLES ANDERSON } COWARD .. .. .	Gasworks, Sydney, N.S.W.
1898 Feb. 1.	{ *COLYER, MORETON JOHN } GODDEN, B.E. (Sydney) ..	Wood Street, Manly, N.S.W.
1872 Apr. 9.	COMPTON, EDMUND .. ..	8 St. Anne's Crescent, Lewes.
1902 Jan. 14.	*CONACHER, JAMES .. ..	{ Formans & McCall, 160 Hope Street, Glasgow.
1899 Dec. 5.	{ CONCANNON, THOMAS GEORGE } UPTON .. .. .	Municipal Engineer, Prome, Burma.
1887 Dec. 6.	CONCEIÇÃO, JOSÉ MARIA DA ..	Caixa 321, Rio de Janeiro. [India.
1890 Mar. 4.	*CONES, JAMES ALFRED .. ..	L. Ganges Canal, Etawah, N.W.P.,
1888 May 15.	CONEY, JOHN ROBERT .. ..	Meadowfield, Sleaford, Lincs.
1897 Jan. 12.	CONNER, BENJAMIN .. ..	9 Scott Street, Glasgow.
1896 Dec. 1.	*CONRADI, JULES FERDINAND..	Great Central Ry., Leicester.



Date of Election.	ASSOCIATE MEMBERS.	
1892 Dec. 6.	CONSTANTINE, EZEKIEL GRAYSON	17 St. Ann's Square, Manchester.
1892 May 3.	*CONYERS, SIDNEY WARD .. ..	{ Ry. Construction Dept., Sydney, N.S.W.
1874 Feb. 3.	CONYERS, WILLIAM .. ..	483 Collins St., Melbourne, Victoria.
1902 Dec. 2.	{ *COODE, ARTHUR TREVENEN, B.A. ( <i>Cantab.</i> ) .. .. }	3 Earl's Avenue, Folkestone.
1887 Dec. 6.	*COOK, FRANK PLANT .. ..	Mansfield Woodhouse, Notts.
1893 Jan. 10.	COOK, JOHN .. ..	City Engineer, Cape Town, C.C.
1901 Mar. 5.	{ COOK, STANLEY SMITH, B.A. ( <i>Cantab.</i> ) .. .. }	33 Lisk Avenue, Whitley Bay, Northumberland.
1882 May 23.	COOKE, CHARLES EDWARD .. ..	City Council Office, Auckland, N.Z.
1898 Dec. 6.	COOKE, CONRAD ALAN .. ..	B.B. & C.I. Ry., Ahmedabad, India.
1883 May 29.	*COOKE, FREDERICK GEORGE .. ..	3 Hyde Gardens, Eastbourne.
1897 Mar. 2.	COOKE, STUART BLASHFIELD REA	Southercroft, Westgate-on-Sea.
1904 Apr. 19.	{ COOKE-YARBOROUGH, HENRY ALFRED .. .. }	40 Elmore Road, Sheffield.
1895 Feb. 5.	COOKSEY, DANIEL FREDERICK	{ Corsley Villa, Western Elms Avenue, Reading. [W.]
1895 Dec. 3.	*COOKSON, ALFRED CHORLEY .. ..	G. W. Ry., Eng.'s Office, West Ealing,
1900 Jan. 9.	COOKSON, THOMAS .. ..	Town Hall, Preston.
1888 Dec. 4.	*COOMBER, WILLIAM HORACE .. ..	Lancs. and Yorks. Ry., Manchester.
1891 Dec. 1.	COOPER, ALFRED ERNEST .. ..	{ Société de Travaux, Chemin de fer Pirée-Demirly, Lamia, Greece.
1897 Apr. 6.	COOPER, FRANCIS EDWARD .. ..	13 Norma Rd., Waterloo, Liverpool.
1894 May 1.	COOPER, LEONARD .. ..	F.C. Sud., Buenos Aires.
1896 May 5.	COOPER, THOMAS, M.A. ( <i>Cantab.</i> )	Spring Valley, St. Albans.
1896 Feb. 4.	{ *COOPER, THOMAS BRAMMALL, B.Sc. ( <i>Victoria</i> ) .. .. }	E. Nuttall, Cumberland Road, Bristol.
1902 Apr. 22.	*COOPER, VERNON .. ..	F. C. Interoceanico, Penbla, Mexico.
1886 May 18.	{ COOPER, VIVIAN BOLTON DOUGLAS .. .. }	22 Buckingham Gate, S.W. (Megohm, London.)
1904 Jan. 12.	*COOPER, WALTER GOUGH .. ..	152 Elgin Avenue, W.
1874 Feb. 3.	COOPER, WILLIAM .. ..	{ Neptune Engine Works, Hull. (Neptune, Hull. 30.)
1892 Mar. 1.	COOPER, WILLIAM .. ..	Table Bay Harbour, Cape Colony.
t ✚ 1900 Dec. 4.	{ COOPER, WILLIAM RANSON, M.A., B.Sc. ( <i>Royal</i> ) .. .. }	113 Upper Tulse Hill, S.W.
1894 Feb. 6.	*COPE, WILFRED ARTHUR .. ..	District Council, Bromley, Kent.
1890 Dec. 2.	{ COPELAND, HENRY PAUL RAMSAY, Major N.S.W.M.R. }	{ Eckstein & Co., Johannesburg, Transvaal.
1902 Dec. 2.	COPLAND, CHARLES AUGUSTUS	{ Hornsea, Grange Road E., Middlesbrough.
1893 Dec. 5.	*COPLAND, JOHN PEARSON .. ..	15 Holyrood Crescent, Glasgow.
m 1895 Dec. 3.	{ *COPLAND, WILLIAM ROBERTSON, JUN. }	146 West Regent Street, Glasgow.
1890 Dec. 2.	COPLAND, WILLIAM WALLACE	Sanitary Commission, Gibraltar.
1894 Dec. 4.	COPLEY, CHARLES THOMAS .. ..	252 Barkerhouse Rd., Nelson, Lancs.
1896 Apr. 14.	*CORBETT, PATRICK JOSEPH .. ..	{ c.o. H. S. King & Co., Pall Mall, S.W.
1890 Apr. 1.	CORDNER-JAMES, JOHN HENRY	Finsbury House, Blomfield St., E.C.
1893 Dec. 5.	*CORIN, WILLIAM .. ..	Town Hall, Launceston, Tasmania.
✚ 1902 Apr. 8.	{ CORMACK, Professor JOHN DEWAR, B.Sc. ( <i>Glas.</i> ) .. .. }	University College, Gower St., W.C.
1892 Dec. 6.	CORNER, CHARLES .. ..	Rhodesia Rys., Bulawayo, S. Africa.
✚ 1898 Dec. 6.	CORNISH, NICHOLAS EDWARD .. ..	Imperial Arsenal, Shanghai, China.
1875 Apr. 6.	CORNISH, THOMAS SMERDON .. ..	Belfield House, East Coast, Demerara.
1901 Feb. 5.	*CORNOCK, JOSEPH CAPEL .. ..	90 Tempest Road, Beeston Hill, Leeds.
1897 Apr. 6.	{ CORNEWALL-WALKER, ARCHIBALD EDWARD .. .. }	East Surrey Water Co., Redhill.
1902 Dec. 2.	{ CORRIE, WILLIAM EDWARD, B.Sc. ( <i>Victoria</i> ) .. .. }	Railways, Rangoon, Burma.



Date of Election.	ASSOCIATE MEMBERS.	
1902 Apr. 8.	CORRINGHAM, GEORGE HENRY	{ Airedale, Bridge View, Kirkstall, Leeds.
1866 May 15.	{ COTTERILL, JAMES HENRY, .. M.A. ( <i>Cantab.</i> ), F.R.S. .. }	Braeside, Speldhurst, Kent.
1877 Feb. 6.	{ COTTRELL, HENRY EDWARD .. PLANTAGENET .. .. }	c.o. Mrs. Cottrell, 12 Cavendish Road, Balham, S.W.
1902 Mar. 4.	{ *COTTRELL, WILLIAM RICHARD .. THOMAS .. .. }	60 Thornton Avenue, Chiswick, W.
1879 Feb. 4.	COUPER, FREDERICK .. ..	New River Office, Clerkenwell, E.C.
1902 Mar. 4.	{ *COUPER, JOHN DUNCAN CAMP- BELL, M.A. ( <i>Cantab.</i> ) .. .. }	80 Grosvenor Street, W.
1897 Dec. 7.	*COUTTS, ERNEST GRAY .. ..	c.o. H. S. King & Co., Pall Mall, S.W.
1896 May 19.	COVENTRY, HENRY GEORGE .. ..	Rothbury, Northumberland.
1897 Mar. 2.	*COVERNTON, RALPH HENRY .. ..	{ Municipal Electric Light Works, Johannesburg, Transvaal.
1900 Feb. 6.	{ *COWAN, JAMES MARSHALL, .. B.A. ( <i>Cantab.</i> ) .. .. }	Redpath, Brown & Co., Riverside Works, East Greenwich, S.E.
1890 Feb. 4.	*COWAN, JOHN .. ..	179 West George Street, Glasgow.
St † 1903 Apr. 7.	*COWAN, PERCY JOHN .. ..	E. R. A. Loco. Dept., Boulac, Cairo.
1889 Dec. 3.	COWARD, GEORGE EDWARD .. ..	{ c.o. Stilwell & Sons, 42 Pall Mall, S.W.
1899 Apr. 11.	COWDERY, GEORGE ROBERT .. ..	{ Glencoe, Torrington Road, Strath- field, N.S.W.
1900 Dec. 4.	*COWLE, GERALD ARTHUR .. ..	{ P.O., Schenectady, New York State, U.S.
1874 Jan. 13.	*COWPER, CHARLES EDWARD .. ..	8 Sandown Terrace, Deal.
1896 Dec. 1.	{ *COWPER-COLES, SHERARD .. OSBORN .. .. }	26 & 27 Grosvenor Mansions, Victoria Street, S.W.
1897 Apr. 6.	COX, DOUGLAS BRENTON .. ..	Govt. Rys., Maritzburg, Natal.
1892 Dec. 6.	*COX, FREDERICK NUTTER .. ..	San José, Costa Rica.
1893 May 2.	COX, FREDERICO WILLIAM .. ..	{ Uzina Conção de Sininbu, São Miguel dos Campos, Alagoas, Brazil.
1876 Dec. 5.	*COX, GRIFFITH NATHANIEL .. ..	Kingston, Jamaica.
1883 Jan. 9.	*COX, HORACE BOARDMAN .. ..	
1881 Mar. 1.	COX, THOMAS ADEY, B.A. .. ..	14 Hazlitt Road, W. Kensington, W.
1886 Dec. 7.	*CRABTREE, HENRY HERBERT .. ..	S. Pearson & Son, Mexico.
1895 Dec. 3.	{ *CRABTREE, WALTER ROBINSON, .. M.Sc. ( <i>Victoria</i> ) .. .. }	Union Offices, High Street, Don- caster.
1891 Dec. 1.	*CRABTREE, WILLIAM ROBSON .. ..	{ Harbour Works, East London, Cape Colony.
1903 Apr. 7.	Craggs, Henry Weldon .. ..	{ 35 City Road, Edgbaston, Birming- ham.
† 1900 Dec. 4.	{ *CRAIG, ALEXANDER DONALD, .. B.E. ( <i>Sydney</i> ) .. .. }	P.W.D., Sydney, N.S.W.
1899 Dec. 5.	{ *CRAIG, ALEXANDER GRATI- TUDE, B.Sc. ( <i>Glas.</i> ) .. .. }	Tympany, Penicuik, Edinburgh.
1889 Dec. 3.	*CRAIG, CLARENCE .. ..	Tyrella House, Clough, co. Down.
1901 Dec. 3.	{ CRAIG, WALTER LENNOX, .. B.C.E. ( <i>Melb.</i> ) .. .. }	196 Barkly Street, St. Kilda, Mel- bourne, Victoria.
1896 Apr. 14.	CRAIG, WILLIAM .. ..	P.W.D., Cape Town, C.C.
1891 Mar. 3.	Craven, Albert William .. ..	179 Collins St., Melbourne, Victoria.
1875 May 4.	Craven, Charles Alfred .. ..	Gasworks, Savile Town, Dewsbury.
1903 Mar. 3.	{ CRAWLEY - BOEVEY, ARTHUR .. CURTIS, B.A. ( <i>Oxon.</i> ) .. .. }	Lancaster Villas, Newcastle.
1894 Mar. 6.	*CRAWTER, FRANK WHINFIELD .. ..	{ Chloride Electrical Storage Co., 39 Victoria Street, S.W.
1884 Feb. 5.	Creer, Alfred .. ..	The Guild Hall, York.
1904 Jan. 12.	CREGEEN, HUGH STOWELL .. ..	Ashdene, Enslin Road, Eltham, S.E.
1896 Apr. 14.	CRESWELL, GEORGE BELBEN .. ..	King, Hamilton & Co., Calcutta.
1883 May 29.	CRESWELL, JOSEPH .. ..	54 Castle Street, Dover.

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1893 May 16.	{ CRESWELL, FREDERIC HUGH } PAGE .. .. .	Rand Club, Johannesburg, Transvaal.
1884 Dec. 2.	CRICHTON, WILLIAM BATEMAN	{ 2 Collingwood Street, Newcastle-on-Tyne.
1894 Dec. 4.	*CRIGHTON, CHARLES .. ..	S. Indian Ry., Negapatam.
1888 Dec. 4.	CRIPPS, FREDERICK SOUTHWELL	71 King William Street, E.C.
1881 Dec. 6.	*CROFT, HENRY .. .. .	Victoria, British Columbia.
1895 May 21.	*CROMPTON, REGINALD HARRATT	11 Lowther Street, Whitehaven.
1892 Mar. 1.	*CROOK, JOHN ROWLAND .. ..	Government Engineer, Gibraltar.
1895 Dec. 3.	{ CROOKES, BERNARD HUMPHREY, } M.Sc. (Victoria) .. .. .	34 Devonshire Place, Jesmond-on-Tyne.
1879 May 27.	CROSBIE, JAMES .. .. .	New Farm, Gamlingay, Sandy.
1902 Apr. 22.	{ *CROSLAND, JAMES CHARLES } HERBERT .. .. .	Belcombe, Hale, Cheshire.
1887 May 24.	CROSLLEY, WILLIAM .. .. .	54 St. James' Square, Notting Hill, W.
1891 Dec. 1.	CROSS, ALFRED McCALLUM ..	Kamberg, Rosetta, Natal.
1882 Apr. 4.	*CROSS, AMBROSE WOOTTON ..	{ Glendale, School Road, Moseley, Birmingham. [Walsall. 9.]
1887 Dec. 6.	*CROSS, FREDERICK WILLIAM ..	45 Bradford Street, Walsall. (Iron,
1896 May 5.	CROSS, FREDERICK WILLIAM ..	Gasworks, Leyton, Essex.
1904 Jan. 12.	{ *CROSS, WILLIAM MARK, } B.A., B.E. (Royal) .. ..	{ 21 Lilymead Avenue, Totterdown, Bristol.
✠ 1888 Feb. 7.	{ CROSTHWAITE, PONSONBY MOORE, } B.A.I. (Dubl.) .. .. .	Coope & Matthews, 9 Victoria Street, S.W.
1899 Dec. 5.	*CROUCH, JOHN PEACHEY .. ..	L. & Y. Ry. Works, Horwich, Lanes.
1891 Feb. 3.	{ CROWE, PERCY BARBY GUSTAV } OTTO .. .. .	{ 27 Old Queen Street, Westminster, S.W.
1894 Dec. 4.	CROWTHER, JAMES ALFRED ..	Boro' Engineer, Southampton.
1892 Jan. 12.	CROZIER, WILLIAM, JUN. ..	Shire Hall, Durham.
1887 Dec. 6.	CRUMMACK, HARKER CHARLES	Boro' Engineer, Hartlepool.
1881 May 31.	CUBITT, WILLIAM .. .. .	Rumney House, Cardiff.
1891 Dec. 1.	{ *CUFFE, OTWAY FORTESCUE } LUKE WHEELER .. .. .	P.W.D., Mandalay, Burma.
1895 Apr. 2.	CULLEN, HERBERT DALE ..	{ Sherwood, Armadale, Western Australia.
1904 Apr. 19.	*CULLEY, ALFRED EDWIN ..	Priory Farm, Sale, Cheshire.
1890 Jan. 14.	CULLIS, EDMUND JOSEPH ..	Southgate Chambers, Gloucester.
1902 Jan. 14.	{ CUMMING, ALEXANDER GEORGE } GORDON, B.Sc. (Edin.) ..	79 Princes Street, Edinburgh.
1897 Apr. 6.	CUNHA, LUIZ GONÇALVES DA ..	{ Société des Travaux à l'Etranger, Rue Acharnon 37, Athens.
1895 Dec. 3.	{ CUNNINGHAM, BRYSSON, } B.E. (Royal) .. .. .	Dockyard, Liverpool.
1903 Apr. 7.	*CUNNINGHAM, HARRY .. ..	{ 18 Knowe Terrace, Pollokshields, Glasgow.
1875 Jan. 17.	CUNNINGHAM, JAMES HENRY ..	2 Ravelston Place, Edinburgh.
1898 Dec. 6.	CUNNOLD, CLEMENT ALLAN ..	{ Farra, Cambridge Road, Cottenham Park, Wimbledon.
1883 Dec. 4.	*CURRY, WILLIAM ELMITT ..	Woodoaks Farm, nr. Rickmansworth.
1888 Jan. 10.	CURRY, WILLIAM THOMAS ..	Ruabon, North Wales.
t ✠ 1890 May 6.	{ CURTIS, ALFRED HARPER, } B.A. (Lond.) .. .. .	Carleton Lodge, Lower Walmer, Kent.
1903 Feb. 3.	CUSACK, RALPH SMITH OLIVER	Furry Park, Raheny, co. Dublin.
1893 Apr. 11.	CUSHNY, JOHN .. .. .	Box 2237, Johannesburg, Transvaal.
1892 Dec. 6.	*CUST, LEOPOLD .. .. .	99 Onslow Square, S.W.
1894 May 1.	*CUTBILL, HARRY WALLACE ..	Bogota, U.S. Colombia.
1890 Dec. 2.	CUTHBERT, GEORGE BLYTHE ..	Cambridge, South Africa.
1900 Dec. 4.	CUTLER, ARTHUR EDWARD ..	{ Magic Street, Mosmans, Sydney, N.S.W.
m ✠ 1886 Dec. 7.	*CUTLER, HENRY ALBERT ..	City Engineer, Belfast.
1874 May 12.	CUTLER, SAMUEL .. .. .	Providence Ironworks, Millwall, E.
1896 Dec. 1.	CUTTEN, FREDERICK ALFRED	Cutten Brothers, Dunedin, N.Z.



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1904 Jan. 12.	DACK, WILLIAM HERBERT ..	{South African Ironworks, Durban, Natal.
1889 Dec. 3.	DADABHOY, CURSETJEE ..	Cumballa Hill, Bombay.
1888 May 1.	DADABHOY, RATANSHAW ..	Bombay Ironworks, Bombay.
1891 Mar. 3.	DADLEY, BENJAMIN BAINES ..	47 Victoria Street, S.W.
✠ 1882 May 2.	DALES, JOHN HANDSLEY ..	{Baithwaite & Co., 325 Finsbury Pavement House, E.C.
✠ 1898 Dec. 6.	{*DALGLEISH, GEOFFREY SCOTT, } B.Sc. (Edin.) .. .. .	c/o National Bank of Egypt, Cairo.
1881 May 31.	DALLAS, JOHN EDWIN ..	c/o H. S. King & Co., Pall Mall, S.W.
1895 Feb. 5.	{*DANA, ROBERT WASHINGTON, } M.A. (Cantab.) .. .. .	15 Neville Street, Onslow Gardens, S.W.
1898 Dec. 6.	*DANIEL, ARTHUR HENRY ..	Hall Street, Cheadle, Cheshire.
1902 Dec. 2.	*DANIEL, WALTER .. ..	Admiralty Works, Hong Kong.
1874 Apr. 14.	DARBISHIRE, CHARLES HENRY	Plas Mawr, Penmaenmawr.
✠ 1892 Dec. 6.	{*DARE, HENRY HARVEY, } M.E. (Sydney) .. .. .	Roads and Bridges Dept., Sydney, N.S.W.
1883 Dec. 4.	{DARLINGTON, FREDERICK } ARTHUR .. .. .	168 Telford Avenue, Streatham Hill, S.W.
1877 Feb. 6.	DARWIN, HORACE, M.A. (Cantab.)	Huntingdon Road, Cambridge.
1873 Mar. 4.	DARWIN, SAMUEL BROTHERS ..	7 Heath Road, Petersfield, Hants.
1902 Feb. 4.	*DAS, RONESCHANDRA .. ..	Panchanuntolah, Howrah, Bengal.
1890 Apr. 1.	*DAVENPORT, CHARLES EDWARD	Inglewood Park Road, Nantwich.
1900 Mar. 6.	DAVENPORT, GEORGE ROBERT	Casilla del Correo 796, Buenos Aires.
1892 Dec. 6.	*DAVEY, GEORGE REGINALD ..	11 Kingsley Road, Plymouth.
1882 Dec. 5.	DAVIDSON, JOHN GEORGE ..	Caledonian Canal, Inverness.
1882 May 2.	DAVIDSON, JOHN PATON ..	Parry & Co., Madras.
1900 Jan. 9.	{*DAVIDSON, JONATHAN ROBERTS, } M.Sc. (Victoria) .. .. .	Water Engineer's Office, Liverpool.
1891 Mar. 3.	DAVIES, DAVID .. ..	Cowell House, Llanelly.
1903 Apr. 7.	*DAVIES, EDWARD AYERST ..	124 Croydon Road, Anerley, S.E.
1895 Jan. 8.	DAVIES, JOHN HUBERT ..	Box 1386, Johannesburg, Transvaal
1897 Apr. 6.	DAVIES, JOHN HUGH .. ..	Cymry, Mooroopna, Victoria.
1876 May 2.	DAVIES, JOHN JOSEPH .. ..	{Richmond, Brisbane Street, Perth W. Australia.
1888 Dec. 4.	DAVIES, MORGAN WILLIAMS ..	3 Gloucester Place, Swansea.
1876 Apr. 4.	DAVIES, THOMAS WILBERFORCE	41 Park Place, Cardiff.
1888 Dec. 4.	DAVIES, WILLIAM AUGUSTUS ..	{Town Hall Chambers, High Street, Hounslow, W.
1896 Dec. 1.	DAVIES, WILLIAM PHILIP ..	Westfield, Abergavenny.
1893 Dec. 5.	DAVIS, ARTHUR CHAMIER ..	P.W.D., Hyderabad, Deccan, India.
1897 Apr. 6.	{*DAVIS, CLEMENT FREDERICK, } B.A. (Cantab.) .. .. .	Osmington, Priestlands Road, Sidcup.
1903 Apr. 7.	DAVIS, FRANK WILLIAM ..	{Cleveland Bridge Co., Gateshead-on-Tyne.
1899 Dec. 5.	{*DAVIS, FREDERICK WILLIAM } DANIEL, M.Sc. (Victoria) ..	S. Pearson & Son, Breakwaters, Malta.
1875 Jan. 12.	DAVIS, HARRY LOUIS .. ..	{G.E. Ry., Eng.'s Office, Liverpool Street, E.C.
1891 Jan. 13.	*DAVIS, NEVILLE BROOKES ..	Waterworks Office, Leicester.
1901 Dec. 3.	DAVIS, WILLIAM HARRY ..	49 Wyatt Road, Forest Gate, E.
1891 Feb. 3.	*DAVISON, AUGUSTINE CAMPBELL	366 Camden Road, N.
1903 Apr. 7.	*DAVSON, SIMON SILVER .. ..	17 Granville Street, Aylesbury.
1891 Dec. 1.	*DAVY, JOHN .. ..	Caixa 403, Rio de Janeiro.
1896 Feb. 4.	{DAWBARN, GILBERT JOSEPH, } B.Sc. (Glas.) .. .. .	School of Mines, Ballarat, Victoria
1901 Mar. 5.	{*DAWE, JOHN NANSCAWEN, } B.Sc. (Glas.) .. .. .	Midland Railway, Sea Mills Station, Bristol.
1899 Feb. 7.	*DAWE, PHILIP HENRY .. ..	{British Thomson Houston Co. Rugby.
1871 Apr. 4.	DAWNAY ARCHIBALD DAVIS ..	39 Victoria Street, S.W.

	Date of Election.	ASSOCIATE MEMBERS.	
	1894 May 1.	*DAWNEY, ALBERT EDWARD ..	{c.o. W. Dawney, 125 Bethune Road, Stamford Hill, N.
	1893 Dec. 5.	*DAWSON, FREDERIC JOHN ..	P.W.D., Pretoria, Transvaal.
	1875 Dec. 7.	DAWSON, JAMES HENRY ..	{The Grange, Tilford, Farnham, Surrey.
	1895 Feb. 5.	*DAWSON, JOHN SMITH ..	45 Osborne Road, Blackpool.
	1894 May 1.	DAWSON, PHILIP ..	29 Great George Street, S.W.
W M ✕	1879 Dec. 2.	{*DAWSON, WILLIAM BELL, M.A., D.Sc. ( <i>McGill</i> ) ..	Marine Dept., Ottawa, Canada.
	1894 Feb. 6.	DAWSON, WILLIAM SAMUEL ..	{Pumping Station, Spottiswoode, Victoria.
	1904 Jan. 12.	DAY, ARTHUR ALBERT ..	33 Hartington Road, Bolton, Lancs.
	1899 Dec. 5.	{*DAY, CLAUD ALBERT STAIN- TON ..	Grosvenor House, Isleworth, W.
	1903 Apr. 7.	*DEAKIN, GEORGE WELSBY ..	Waterworks, Talgarth, Brecon.
	1891 May 5.	DEAKIN, THOMAS HEDGES ..	Parkend, Lydney, Glos.
	1902 Dec. 2.	{*DEANE, HENRY JAMES, B.E. ( <i>Sydney</i> ) ..	2 Queen Square Place, Westmin- ster, S.W.
	1891 Jan. 13.	*DEANS, HAROLD, B.A. ( <i>Cantab.</i> )	{Engineer's Office, G. W. Ry., Pad- dington, W.
	1895 Jan. 8.	DEARDEN, HENRY ..	Boro' Engineer, Dewsbury.
	1900 Jan. 9.	DEAS, JAMES ..	Water Engineer's Office, Warrington.
	1881 May 3.	DEASE, PATRICK PAGET ..	Les Sapins, Dinan, France.
	1882 Dec. 5.	D'EBRO, CHARLES ABRAHAM ..	99 Queen St., Melbourne, Victoria.
	1897 Dec. 7.	{*DELAP, ALFRED DOVER, B.A.I. ( <i>Dubl.</i> ) ..	Resident Engineer's Office, Rosslare, co. Wexford.
m	1890 Apr. 1.	{*DELVES-BROUGHTON, VERNON WARBURTON ..	80 Central Hill, Upper Norwood, S.E.
	1885 Dec. 1.	DE MELLO, CHARLES HARVEY	King, Hamilton & Co., Calcutta.
✕	1898 Mar. 1.	DEMPSTER, HERBERT GEORGE	Seaford, Richmond, Natal.
	1895 May 21.	DENHAM, HENRY MANGLES ..	Ashbourne House, Rainhill, Lancs.
	1886 Dec. 7.	*DENISON, GEORGE CHARLES ..	{2 Strathmore Gardens, Kensington, W.
	1887 Dec. 6.	DENISON, JOSEPH BASIL ..	Bembridge, Isle of Wight.
	1881 May 31.	DENNIS, HENRY ..	Ruabon, N. Wales. (Dennis, Ruabon.)
	1893 Dec. 5.	DENNIS, NELSON FREDERICK ..	Boro' Engineer, West Hartlepool.
	1881 Apr. 5.	*DENT, HASTINGS CHARLES ..	{The Homestead, South Godstone, Surrey.
	1886 Dec. 7.	DENTON, HENRY RICHARD JOHN	Tor Lodge, Compton, Wolverhampton.
	1885 Dec. 1.	DETSI, MIGUEL ..	{Rua do Imperador 8, Petropolis, Rio de Janeiro.
	1902 Dec. 2.	DEVENISH, JAMES ALDRIDGE	King, King & Co., Bombay.
	1894 May 1.	{*DEVENISH - MEARES, BASIL, B.A.I. ( <i>Dubl.</i> ) ..	Govt. Rys., Kei Road, Cape Colony.
	1889 Feb. 5.	{*DEVÉRIA, LEWIS MARIE THEODULE ..	22 Lower Kemmendine Road, Ran- goon, Burma.
m	1897 Jan. 12.	*DE VILLE, MARTIN ..	{Ardhui, Fairdene Road, Purley Road, Surrey.
	1883 May 1.	*DEVONSHIRE, THOMAS EASTON	Purbright, Chislehurst.
	1899 Dec. 5.	{DHIRAJRAM, HIMATLAL ( <i>Rao</i> <i>Bahadur</i> ) ..	Ahmedabad, Bombay.
	1891 Dec. 1.	{DHUNJIBHOY, RUTTONJI, <i>Khan</i> <i>Sahib</i> ..	31 1st Marine Street, Dhobi Talao, Bombay.
	1894 Dec. 4.	DIAZ-LOMBARDO, ISIDRO ..	Calle de Cocheras 11, Mexico.
	1888 Apr. 10.	DIBLEY, GEORGE ..	Gaveston Place, Nuthurst, Sussex.
	1895 Dec. 3.	DICK, DAVID CRAWFORD ..	{Engineering Department, Custom House, Shanghai.
	1886 Dec. 7.	*DICKIE, ALEXANDER LOW ..	Barry Ry., Caerphilly, S. Wales.
	1899 Dec. 5.	DICKINSON, HAROLD ..	{Woodfield, North Park Road, Roundhay, Leeds.
	1888 Dec. 4.	DICKINSON, THOMAS RUSHOLM	Burton House, Clifton, York.
	1879 Dec. 2.	*DICKSON, JOHN ..	Glaidsdale Grange, Whitby.



Date of Election.		ASSOCIATE MEMBERS.	
1888 Dec. 4.	4.	DIESELHORST, WILLIAM .. ..	182 Victoria Road, Charlton.
1881 Dec. 6.	6.	DIGGLE, JAMES .. ..	Water Engineer, Heywood.
1900 Jan. 9.	9.	{ *DILLEY, WILFRID JOSEPH, } B.Sc. ( <i>Edin.</i> ) .. ..	Polytechnic School of Engineering, Cairo.
1885 Feb. 3.	3.	*DISNEY, GEORGE WILLIAM ..	{ B. & N. W. Railway, Muzafferpur, India.
1893 Dec. 5.	5.	*DIX, HARRY ARTHUR .. ..	6 Rigby Road, Blackpool.
1902 Mar. 4.	4.	*DIXON, ARTHUR .. ..	{ 5 Cheapside, Bradford (Construct, Bradford).
1893 Jan. 10.	10.	DIXON, FRANCIS EDWARD ..	49 Lune Street, Preston.
1892 Dec. 6.	6.	*DIXON, FREDERIC BRERETON ..	{ c.o. W. Dixon, 50 Friends Road, Croydon.
1897 Apr. 6.	6.	DIXON, FREDERIC JOHN .. ..	Prospect Crescent, Harrogate.
1897 Mar. 2.	2.	DIXON, JAMES RUSH .. ..	Town Hall, Old Street, E.C.
1892 Dec. 6.	6.	*DIXON, ROBERT BLAND, R.N.	H.M. Dockyard, Portsmouth.
1896 Dec. 1.	1.	DIXON, RODEN .. ..	Boro' Surveyor, Stratford-on-Avon.
1892 Dec. 6.	6.	{ *DIXON, STEPHEN MITCHEL, } M.A., B.A.I. ( <i>Dubl.</i> ) .. ..	Dalhousie College, Halifax, Nova Scotia.
t ✠ 1900 Dec. 4.	4.	{ *DOAK, WALTER JAMES, } B.E. ( <i>Sydney</i> ) .. ..	Engineer's Office, Railway Dept., Brisbane, Queensland.
1904 Jan. 12.	12.	DOBBIE, JOHN .. ..	65 Bath Street, Glasgow. (388.)
1897 Feb. 2.	2.	{ *DOBSON, ARTHUR AUSTIN } GREAVES .. ..	{ c.o. H. A. Dobson, 75 Eaton Rise, Ealing, W.
1897 Feb. 2.	2.	DOBSON, DOUGLAS .. ..	Boro' Engineer, Masterton, N.Z.
1883 Feb. 6.	6.	*DOCKRAY, JOHN ARTHUR ..	Chelston Bank, Torquay.
1901 Dec. 3.	3.	*DODD, EDWARD .. ..	{ 37 Waterloo Street, Birmingham. (Culvert, Birmingham. 04718.)
1891 Jan. 13.	13.	*DODD, FRANK WILLIAM .. ..	{ Portland Harbour Torpedo Works, Weymouth.
1890 Dec. 2.	2.	DODD, PETER .. ..	Surveyor's Office, Wandsworth, S.W.
1902 Dec. 2.	2.	*DODD, ROBERT PARKER .. ..	37 Waterloo Street, Birmingham.
1894 Jan. 9.	9.	*DODS, JOSHUA CHALMERS ..	Cannamore, Malabar, India.
1894 Mar. 6.	6.	{ *DONALD, PATRICK DUNLOP, } B.Sc. ( <i>Glas.</i> ) .. ..	Annandale, Kilmarnock.
t ✠ 1898 Mar. 1.	1.	{ *DONALDSON, THORNYCROFT, } M.A. ( <i>Cantab.</i> ) .. ..	2 Melbury Road, Kensington, W.
1898 Apr. 5.	5.	*DONKIN, SYDNEY BRYAN ..	Dr. Kennedy, 17 Victoria St., S.W.
1889 Dec. 3.	3.	{ DONOHUE, WILLIAM EDWARD, } Major, Army Ord. Dept. ..	Maryville, Castle Avenue, Dover.
1902 Jan. 14.	14.	{ DORMAN, WILLIAM STEWART } HOBART, B.A., B.E. ( <i>Royal</i> )	P.W.D., Amballa, Punjab, India.
1902 Feb. 4.	4.	*DORMOR, HENRY DUNCAN ..	H.M. Dockyard, Malta.
1883 Dec. 4.	4.	*DOUGAL, ROBERT .. ..	33 Great George Street, S.W. [S.W.]
1894 May 1.	1.	*DOUGLAS, ALEXANDER SHARP, Jun.	McIlwraith & Co., 7 Victoria Street,
1902 Dec. 2.	2.	*DOUGLAS, EDWARD ALISON ..	Box 115, Roodepoort, Transvaal.
1894 Jan. 9.	9.	*DOUGLAS, GORDON .. ..	Minas de Rio Tinto, Huelva, Spain.
1885 May 5.	5.	DOUGLAS, JOHN .. ..	{ 24 Esmond Gardens, Bedford Park, W.
1894 May 1.	1.	*DOUGLASS, ALFRED EDWARDS	{ Waterworks, Paradise Street, Bir- mingham.
1895 Feb. 5.	5.	DOUGLASS, JAMES ROBERTSON	7 Osborne Place, Dundee.
1895 Feb. 5.	5.	DOUGLASS, WILLIAM LISTON ..	District Offices, Hamilton, N.B.
1891 May 5.	5.	DOVE, JOHN CHARLES .. ..	St. Nicholas Ironworks, Carlisle.
✠ 1888 Feb. 7.	7.	{ DOWDALL, WILLIAM MAC- } DONNELL MITCHELL .. ..	Shanghai, China. [Herts.
1897 Jan. 12.	12.	DOWN, FREDERICK JONATHAN	Glengariff, Milton Road, Harpenden,
1898 Mar. 1.	1.	DOWNES, JAMES RATHBONE ..	East Surrey Water Co., Redhill.
t ✠ 1887 Feb. 1.	1.	{ *DOWNES, ROBERT HENRY } BURNSIDE .. ..	Goldfields Water Supply, Perth, Western Australia.
1901 Apr. 23.	23.	{ *DOWNIE, ANDREW MARSHALL, } B.Sc. ( <i>Glas.</i> ) .. ..	4 Strathmore Gardens, Hillhead, Glasgow.

Date of Election.	ASSOCIATE MEMBERS.	
1889 Mar. 5.	{ DOWNING, ARTHUR JOSEPH, B.A.I. (Dubl.) .. .. }	Old Cabra House, Cabra, Dublin.
1858 Feb. 2.	DOWNING, ROBERT .. ..	10 Park Crescent, Oxford.
1902 Apr. 8.	*DOWSON, ERNEST MCLEOD ..	Survey Dept., P.W.D., Cairo.
1897 Feb. 2.	*DOXAT, LOUIS CHARLES JOHN	Irrigation Dept., Colombo, Ceylon.
1893 Jan. 10.	{ DOYLE, KINSLEY DRYDEN, M.A., B.A.I. (Dubl.) .. .. }	18 Park Road, Harlesden, N.W.
1895 Feb. 5.	DRAKE, FRANCIS BRAGG ..	{ Municipal Engineer, Mowbray, Cape Town, C.C.
1900 Dec. 4.	DREWITT, HARRY WILLIAM ..	{ John Scott, Dock Extension, Middlesbrough.
1898 Dec. 6.	{ *DRIEBERG, JAMES ALFRED, GRENIER .. .. }	P.W.D., Puttalam, Ceylon.
1891 Dec. 1.	DRIFFIELD, EDWARD CARUS ..	{ Mining & Ry. Co., Mount Lyell, Tasmania.
1901 Apr. 2.	DRON, ROBERT WILSON .. ..	79 West Regent Street, Glasgow.
1902 Apr. 8.	{ DROUGHT, FREDERICK AINSLIE, B.E. (Royal) .. .. }	Pembrook, Passage West, co. Cork.
1903 Apr. 7.	*DROWN, ALFRED ERNEST ..	{ Rydell, Lanercost Road, Tulse Hill Park, S.W.
1895 Dec. 3.	*DRUCE, ERNEST HARRY, .. ..	Box 420, Bulawayo, Rhodesia.
1893 Dec. 5.	*DRUMMOND, HAWTREY MARKS	{ Cia de Cobres, Calama, Antofagasta, Chili.
1903 Apr. 7.	*DRUMMOND, PETER, B.Sc. (Edin.)	School of Agriculture, Gizeh, Egypt.
1887 Mar. 1.	*DRURY, ALEXANDER GRAHAM	Rotherhithe Tunnel Works, Shad-
1902 Dec. 2.	{ *DRURY, OSWALD GEORGE, COOPER .. .. }	5 The Grove, Horley, Surrey. [well, E.
1892 Dec. 6.	*DRURY, RICHARD FREDERICK	{ Land Registry, 34 Lincoln's Inn Fields, W.C.
1891 Mar. 3.	*DRYLAND, ALFRED .. ..	County Surveyor's Office, Hereford.
1888 Mar. 6.	DUARTE, JOÃO RAYMUNDO ..	General Pedra 95, Rio de Janeiro.
1903 Apr. 7.	*DUCKHAM, FREDERIC WILLIAM	Admiralty Harbour Works, Dover.
1890 Dec. 2.	DUCKHAM, HEBER .. ..	British Grove, Chiswick, W.
1904 Apr. 12.	*DUDLEY, ROLAND .. ..	Harborough Hill, Gretton, Kettering.
1889 Dec. 3.	*DUFF, EDWARD JAMES .. ..	{ Holly Lodge, Cressington Park, Liverpool.
1899 Dec. 5.	DUFF, MATTHEW BUCHANAN ..	42 Frederick Street, Edinburgh.
1889 Feb. 5.	DUFFY, RICHARD .. ..	Calle Juncal 2237, Buenos Aires.
1882 Feb. 7.	DUGUID, HARRY GREENFIELD	18 Stanley Place, Pimlico, S.W.
1898 Dec. 6.	*DUKE, AUDLEY MERVYN ..	65 Lansdowne Road, Charlton, S.E.
1904 Jan. 12.	*DUKE, JOHN REGINALD HARE	Turf Club, Cairo, Egypt.
1890 Dec. 2.	DUNCAN, ALFRED JOHN .. ..	Box 14, Bendigo, Victoria.
1891 Jan. 13.	*DUNCAN, ANDREW .. ..	{ New Graving Dock, Queen's Road Belfast.
1879 May 27.	DUNCAN, EDMUND ALBERT ..	P.W.D., Lahore, Punjab.
1897 Jan. 12.	*DUNCAN, HERBERT ELLIS ..	2 Hartman Place, Bradford.
1896 Dec. 1.	DUNCAN, NORMAN .. ..	Municipal Office, Rangoon, Burma.
1896 Feb. 4.	{ DUNKERLEY, Professor STANLEY, M.Sc. (Victoria) .. .. }	Royal Naval College, Greenwich, S.E.
1876 Jan. 11.	*DUNN, EDWARD ALEXANDER ..	32 Keppel St., Russell Square, W.C.
1390 May 20.	DUNN, GEORGE BICKHAM ..	Erlemere, Stevenage.
✠ 1885 Jan. 13.	DUNN, PETER LIVINGSTON ..	{ 815 Battery Street, San Francisco, U.S. (Clutha, San Francisco.)
1883 Mar. 6.	DUNPHY, AUGUSTINE LOUIS ..	Deneside, Foyle Rd, Blackheath, S.E.
1879 Feb. 4.	*DUNSTON, ROBERT EDWARD ..	{ State Line and Sullivan Railroad, Towanda, Pa., U.S.
1887 Dec. 6.	DUQUEMIN, JAMES HENRY ..	Couture Road, Guernsey.
1899 Dec. 5.	*DURHAM, FRANK ROGERS ..	{ Savignystrasse 43, Frankfurt-am-Main.
1900 Dec. 4.	*DURIE, GEORGE ARTHUR ..	P.W.D., Rangoon, Burma. [E.C.
1894 Mar. 6.	DURLACHER, ALEXANDER PERCY	33 New Bridge Street, Blackfriars,

Date of  
Election.

## ASSOCIATE MEMBERS.

m ✠	1893 Dec. 5.	{ *DURLEY, RICHARD JOHN, B.Sc. ( <i>Lond.</i> ) .. .. . }	McGill University, Montreal, Canada.
	1899 Dec. 5.	DURNFORD, HERBERT ST. JOHN	{ Standard Buildings, City Square Leeds.
	1884 May 27.	DUTTON, SAMUEL TELFORD ..	Marl Bank, Worcester.
	1893 Jan. 10.	DUXBURY, THOMAS .. .. . }	{ 17 Grosvenor Chambers, Deansgate, Manchester. (Darwinian, Man- chester. 1806.)
	1887 Dec. 6.	{ DWYER, FREDERICK LAW, B.A. ( <i>Dubl.</i> ) .. .. . }	Govt. Rys., Cape Town, Cape Colony.
	1903 Jan. 13.	*DYER, ARTHUR REGINALD ..	{ British Westinghouse Co., Norfolk Street, Strand, W.C.
	1895 Jan. 8.	*DYKES, ALFRED HERBERT ..	1 Victoria Street, S.W.
✠	1891 Feb. 3.	*DYMOND, EDMUND ROBERT ..	Vaga House, Hereford.
	1890 Feb. 4.	*DYSON, ROBERT CHARLES, F.C.H.	Grindlay, Groom & Co., Bombay.
	1891 May 5.	EARL, HENRY DOUGLAS .. ..	Oakley, Huyton Park, Liverpool.
	1887 Dec. 6.	*EARLY, SYDNEY CHARLES ..	Continental Ice Co., Boulogne-s/Mer.
	1880 Apr. 6.	EARNSHAW, JOHN THOMAS ..	Boro' Surveyor, Ashton-under-Lyne.
	1883 May 29.	EAST, ROWLAND HARRY .. ..	F. C. Puirra, Paita, Peru.
	1867 Dec. 3.	EASTMAN, THOMAS .. .. .	Valparaiso, Chile.
	1891 Mar. 3.	*EASTON, JAMES RAMMELL ..	42 Gordon Road, Ealing, W.
	1867 Dec. 3.	EASTON, JOHN MARSHALL ..	Tordarroch, Helensburgh, N.B.
	1896 Dec. 1.	{ *EASTON, WILLIAM CECIL, B.Sc. ( <i>Glas.</i> ) .. .. . }	Main Drainage Works, Partick, Glasgow.
	1902 Dec. 2.	EASTWOOD, WILLIAM .. .. .	Lindlea, Whitestake, Preston.
	1885 Dec. 1.	EATON-SHORE, GEORGE .. ..	Borough Surveyor, Crewe.
	1878 Feb. 5.	ECKSTEIN, WILLIAM .. .. .	187 Union Street, Borough, S.E.
	1883 Dec. 4.	*EDE, FRANCIS JOSEPH .. ..	Silehar, Cachar, India.
	1899 Feb. 7.	*EDE, HAINES BREEBAART ..	Whitehall Club, Parliament St., S.W.
	1899 Apr. 11.	EDEN, EDGAR MARK .. .. .	76 Adelaide Road, N.W.
	1898 Dec. 6.	{ *EDGCUMBE, KENELM WILLIAM EDWARD .. .. . }	33 Tedworth Square, Chelsea, S.W.
	1889 May 7.	*EDGE, FREDERIC JAMES .. ..	City Engineer, Newcastle-on-Tyne.
	1895 Dec. 3.	EDGELL, ROBERT GORDON ..	P.W. Office, East Maitland, N.S.W.
m ✠	1883 May 29.	*EDINGER, WILLIAM HENRY ..	3 Fenchurch Avenue, E.C.
	1901 Jan. 8.	{ EDMONDSON, ALFRED RICHARD, M.Sc. ( <i>Victoria</i> ) .. .. . }	The Oaks, Moss Lane, Timperley.
	1895 Feb. 5.	*EDMONDSON, JOHN ALFRED ..	{ Cowlshaw, Walker & Co., Etruria, Stoke-on-Trent.
	1896 Jan. 14.	EDWARDES, CHARLES ARTHUR	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
	1883 Feb. 6.	EDWARDS, ANGELO EMANUEL	19 Clifford St., Paisley Rd., Glasgow.
	1900 Dec. 4.	{ EDWARDS, CHARLES WALTER, B.A.I. ( <i>Dubl.</i> ) .. .. . }	Dick, Kerr and Co., 84th Street, Mandalay, Burma.
	1902 Mar. 4.	EDWARDS, EDGAR JAMES ..	13 Charing Cross, S.W.
	1896 May 19.	EDWARDS, HENRY CLAUDE JOHN	{ Boro' Engineer's Dept., 346 Ken- nington Road, S.E.
	1895 May 21.	EDWARDS, HERBERT FRANCIS..	104 Stanwell Road, Penarth, Cardiff.
	1886 Dec. 7.	{ *EDWARDS, OSBORNE ANTHONY GEORGE .. .. . }	L. & S.W. Ry., Eastleigh, Hants.
✠	1887 Dec. 6.	*EDWARDS, WALTER CLEEVE ..	P.W.D., Port Elizabeth, C.C.
	1890 Jan. 14.	{ *EDWARDS, WILLIAM BEN, B.E. ( <i>Royal</i> ) .. .. . }	The Limes, Debenham, Suffolk.
	1897 Mar. 2.	*EDWARDS, WILLIAM JAMES ..	{ Taff Vale Ry., Engineer's Office Cardiff.
	1881 May 31.	*EGERTON, ROBERT WALTER ..	{ c.o. Mrs. Egerton, 17 King's Avenue Ealing, W.
	1900 Jan. 9.	*ELCEE, WILLIAM HENRY .. ..	Boro' Engineer, Bacup.
	1880 Dec. 7.	ELDRIDGE, JAMES .. .. .	Gasworks, Oxford.



Date of Election.	ASSOCIATE MEMBERS.	
1885 Dec. 1.	*ELLIOTT, GILBERT FRANCIS ..	Marine Dept., Brisbane, Queensland.
1881 Mar. 1.	ELLERY, CHARLES STAFFORD ..	GasL. & C.Co., Up. Bristol Rd., Bath.
1886 Dec. 7.	*ELLIOT, GODFREY TURNBULL ..	165 Great Dover Street, S.E.
1901 Mar. 5.	ELLIOT, JAMES DUNCAN ..	John Carruthers, 13 Victoria St., S.W.
1890 May 20.	ELLIOT, MICHAEL .. .. .	{ Gunbower West Irrigation Trust, Molesworth Chambers, Little Collins St. W., Melbourne, Victoria.
1894 Feb. 6.	*ELLIOTT, HARRY HORNE ..	{ Kalabas Kraal, near Malmesbury, Cape Colony.
1901 Dec. 3.	ELLIOTT, JOHN ROBERT .. ..	{ Burton Buildings, Parliament St., Nottingham.
1896 Dec. 1.	*ELLIS, BERTRAM WYBURNE ..	7 Roland Gardens, Kensington, S.W.
1896 Dec. 1.	*ELLIS, SOMERS HOWE .. ..	Tranmere Bay Works, Birkenhead.
1904 Apr. 12.	ELLSON, ARTHUR .. .. .	Globe Works, Grays, Essex.
1901 Dec. 3.	ELLSON, GEORGE .. .. .	{ Donnington, Green Lane, New Eltham.
1886 Apr. 6.	ELMORE, JOHN OLIVER SURTEES	State Eng., Kapurthala, Punjab.
1891 May 5.	ELMS, FRANCIS .. .. .	G.W.Ry., Eng.'s Office, Plymouth.
1884 May 27.	ELSTON, JOHN .. .. .	{ 44 Pevensey Road, St. Leonards- on-Sea.
1884 Jan. 8.	ELSWORTHY, EDWARD HOUTSON	Richardson & Cruddas, Bombay.
1881 Mar. 1.	ELTON, CHARLES TERNEY ..	J. Higgs, Holsworthy, N. Devon.
1902 Apr. 8.	EMERSON, JOHN WILLIAM SLOAN	13 Earl's Court Square, S.W.
1893 Feb. 7.	EMMOTT, WALTER .. .. .	1 South Parade, Halifax.
1896 Mar. 3.	*EMTAGE, RAYMOND HOWARD ..	14 James St., Bridgetown, Barbados.
1887 Apr. 5.	*ENFIELD, <i>Viscount</i> .. .. .	5 St. James's Square, S.W.
1892 Jan. 12.	*ENGLISH, BERTRAM WILLIAM	{ 63 Overstrand Mansions, Battersea Park, S.W.
1889 Feb. 5.	*ENGLISH, FREDERICK HENRY ..	{ 7 Alfred Place West, S. Kensington, S.W.
1892 Dec. 6.	*ENNIS, THOMAS FREDERICK ..	{ 18 Dorlcote Road, Wandsworth Common, S.W.
1831 Feb. 1.	ENNOR, CHARLES JOHN .. ..	Quinta Pimenta, Foz, Oporto.
1900 Jan. 9.	*ERAUT, WALTER .. .. .	5 Thornsett Road, Anerley, S.E.
1896 Jan. 14.	*ERICHSEN, FREDERIK OLE ..	{ Crosby, Lyford Road, Wandsworth Common, S.W.
1900 Feb. 6.	ESSEX, ERNEST HENRY .. ..	Engr.'s Office, Town Hall, Leyton, E.
1892 Dec. 6.	*ESTCOURT, ARTHUR JOHN ..	{ London Road Ironworks, Harleston, Norfolk.
1896 Dec. 1.	{ *ESTLER, PAUL TRAUGOTT } JULIUS .. .. .	Fairfield House, Old Charlton, S.E.
1851 Apr. 1.	ETTY, THOMAS BODLEY .. ..	Belmont Road, Scarborough.
1871 Feb. 7.	EUNSON, JOHN .. .. .	Gasworks. Northampton.
1898 Apr. 5.	{ EUSTICE, <i>Professor</i> JOHN, B.Sc. ( <i>Lond.</i> ) .. .. .	{ Hartley University College, South- ampton.
1881 Mar. 1.	EVANS, ARTHUR CLEMENT ..	Thos. Cook & Son, Bombay.
1879 Feb. 4.	EVANS, ARTHUR GEORGE ..	Kington Langley, Chippenham.
1887 Dec. 6.	*EVANS, EDGAR IVOR .. ..	District Council, Penarth, Cardiff.
1892 Mar. 1.	EVANS, EVAN .. .. .	County Surveyor, Carnarvon.
1892 Mar. 1.	EVANS, WILLIAM .. .. .	New Walk, Beverley, Yorks.
1897 Jan. 12.	*EVERARD, FRANCIS OVER ..	{ Belliss & Morcom, Ledsam Street, Birmingham.
1903 Apr. 7.	{ EVES, ARTHUR FRANCIS, } B.A.I. ( <i>Dubl.</i> ) .. .. .	Strong and Moore, 36 Mutual Build- ings, Durban, Natal.
✠ 1899 Feb. 7.	{ EVES, GRAVES WILLIAM, } B.A.I. ( <i>Dubl.</i> ) .. .. .	Jardine, Matheson & Co., Shanghai.
1882 Dec. 5.	EWENS, PAUL .. .. .	5 Austin Friars, E.C.



Date of  
Election.

## ASSOCIATE MEMBERS.

1900 Dec. 4.	*FABER, EDWARD GREY ..	{ Engineer's Office, London County Council, Spring Gardens, S.W.
1904 Jan. 12.	*FADELLE, JOSEPH EDWARD ..	{ Railway Extension to Bo, Sierra Leone.
1897 Jan. 12.	FAIRBAIRN, ADAM MAITLAND ..	{ G. H. Hill, Albert Chambers, Albert Square, Manchester.
1893 Dec. 5.	FAIRBAIRN, EDWARD PERCY ..	26 Clifton Gardens, Folkestone.
1883 May 1.	*FAIRBANK, FRANK GRAHAM ..	Lendal Chambers, York.
1893 Jan. 10.	{ *FAIRGRIEVE, EDGAR HUNTER, B.Sc. ( <i>Edin.</i> ) .. .. . }	{ 40 Marchmont Crescent, Edinburgh.
1891 Feb. 3.	*FAIRHOLME, FREDERICK CHARLES ..	Chas. Cammell & Co., Sheffield.
✦ 1886 Apr. 6.	*FAIRLEY, WILLIAM .. .. .	69 Victoria Street, S.W.
1904 Feb. 2.	*FALK, EDWARD .. .. .	14 South Parade, Southsea.
1892 May 24.	{ *FARQUHARSON, THOMAS, B.Sc. ( <i>Edin.</i> ) .. .. . }	{ Rosario Nitrate Co., per Gildemeister & Co., Iquique, Chili.
1892 May 3.	{ *FARR, CLINTON COLERIDGE, D.Sc. ( <i>Adelaide</i> ) .. .. . }	{ Christchurch, New Zealand.
✦ 1892 Feb. 2.	FARR, WILLIAM BEAN .. .. .	{ Netherby, Abington Park Parade, Northampton.
1904 Apr. 12.	{ *FARRANT, HENRY, B.A. ( <i>Cantab.</i> ) .. .. . }	{ 44 Emperor's Gate, S.W.
1903 Apr. 7.	FARRAR, HAROLD, M.Sc. ( <i>Victoria</i> ) ..	Standleigh, Whitefield, Manchester.
t m ✦ 1896 May 19.	*FARRELL, RICHARD CRAIG .. ..	70 Wellington Street, Glasgow.
1899 Feb. 7.	FARRINGTON, THOMAS BOOTH ..	Trinity Square, Llandudno.
1894 May 1.	*FARRINGTON, WILLIAM .. ..	Urban District Council, Woodford.
1904 Jan. 12.	*FARWELL, GEORGE DOUGLAS ..	11 Laura Place, Bath.
1894 Jan. 9.	FAWCETT, ARTHUR .. .. .	Old Town Hall, Wakefield.
1889 May 21.	*FAWCUS, ALFRED .. .. .	Wartburg Post Office, Natal.
1887 Feb. 1.	*FEARON, HENRY SOMERVILLE ..	12 St. Andrew's Square, Surbiton.
1901 Apr. 2.	FEDDEN, SAMUEL EDGAR .. ..	{ Corporation Electricity Supply Department, Commercial Street, Sheffield.
1900 Apr. 3.	FELKIN, LEONARD GEORGE .. ..	Topham, Jones & Railton, Gibraltar.
1896 Feb. 4.	FELL, GEORGE NOBLE .. .. .	43 Gloucester Road, Kew, S.W.
1884 Dec. 2.	FENDER, DAVID THOMAS .. ..	14 Hearnville Road, Balham, S.W.
1893 Dec. 5.	FENNELLY, RICHARD .. .. .	Kilmore, Victoria.
1874 Dec. 1.	*FENWICK, CHARLES RICHARD ..	1 Park Place, Leeds.
1884 Dec. 2.	{ *FERREIRA, EDUARDO DE MORAES GOMES .. .. . }	{ Pernambuco, Brazil.
1868 May 5.	FERREIRA, JOÃO NERI .. .. .	Rio de Janeiro.
1902 Dec. 2.	FERRY, CLEMENT BEAUMONT ..	{ c.o. H. Ferry, 43 Blenheim Road, Bedford Park, W.
1891 Dec. 1.	*FESTA, GIULIO .. .. .	11 Cleopatra Street, Alexandria.
1899 Dec. 5.	*FFORDE, FRANCIS CRESWELL ..	Topham, Jones & Railton, Gibraltar.
1893 Mar. 7.	FIDLER, ALFRED .. .. .	Boro' Engineer, Northampton.
1900 Feb. 6.	*FIELD, MICHAEL BIRT .. .. .	8 St. Paul's Rd., Kersal, Manchester.
1904 Jan. 12.	{ *FIELD, WILLIAM ROBERT, F.C.H. .. .. . }	{ 119 Victoria Street, S.W. (Bank dobst, London. Victoria 666.)
1882 Dec. 5.	*FIELDEN, EDWARD BROCKLEHURST ..	Condover Hall, Shrewsbury.
1894 May 1.	FIELDER, HERBERT .. .. .	6 Salisbury Street, S.E.
1892 Feb. 2.	FINCH, ALFRED ROBERT .. ..	Town Hall, Kensington, W.
1902 Dec. 2.	FINCH, ERNEST EDWARD .. ..	Town Hall, Bethnal Green, N.E.
1897 Dec. 7.	{ FINCH, HENESTAGE WYNNE, M.A. ( <i>Oxon.</i> ) .. .. . }	{ New University Club, St. James's Street, S.W.
1888 Jan. 10.	FINDLAY, GEORGE JAMES .. ..	Glanrafon, near Wrexham.
1892 Dec. 6.	*FINDLAY, ROBERT .. .. .	Board of Works, The Green, Eltham.
1895 May 21.	*FINLAISON, HARRY GLEN .. ..	Delta Barrage, Egypt.
1882 May 2.	FINNEY, JAMES BABBETT .. ..	P.O. Box 16, Georgetown, Demerara.
1886 Feb. 2.	*FINNIMORE, BENJAMIN KINGTON ..	Kendarea, Darjeeling, India.
1900 Feb. 6.	FIRR, TOM FREEMAN .. .. .	{ Survey Dept., Zomba, British Central Africa.

Date of Election.	ASSOCIATE MEMBERS.	
1884 Dec. 2.	*FIRTH, GEORGE SEPTIMUS ..	{ Arthur's Road, Seapoint, Cape Town, C.C.
1883 Dec. 4.	*FIRTH, SYDNEY .. ..	{ Engineer-in-Chief's Dept., Govt. Rys., Cape Town, C.C.
1904 Jan. 12.	*FIRTH, WILLIAM JAMES ..	{ 23 Norman Terrace, Street Lane, Roundhay, Leeds.
1886 Mar. 2.	FISH, ROBERT .. ..	{ Newport Villa, York Avenue, East Cowes, I.W.
1889 Jan. 8.	FISHER, HENRY BEDWELL ..	L. B. & S. C. Ry., Newhaven.
1885 Dec. 1.	*FISHER, SACKVILLE .. ..	
1895 Dec. 3.	FISHER, WILLIAM CLARK ..	24 Albany Road, Ealing, W.
1891 Apr. 7.	*FISHER, WILLIAM DIXON ..	Gresham House, Singapore, S.S.
1890 Feb. 4.	*FITT, JOHN EDWARD .. ..	P.W.D., Cape Town, C.C.
1889 May 7.	FITZGERALD, GERALD .. ..	Levin & Co., Wellington, N.Z.
1876 Dec. 5.	{ *FITZGERALD, MAURICE FRED- ERICK, B.A. ( <i>Dubl.</i> ) .. ..	32 Eglantine Avenue, Belfast.
1890 Dec. 2.	FITZ-GERALD, ROBERT DAVID	Roads and Bridges Dept., Sydney,
1898 Dec. 6.	FITZGIBBON, PHILIP JOHN ..	Belgaum, India. [N.S.W.]
1886 Dec. 7.	FITZ-PATRICK, ROBERT PERSE	Local Government Board, Dublin.
1893 May 16.	FLACH, JAMES .. ..	Goldfields, Donnybrook, W. Australia.
1889 Dec. 3.	*FLAVELLE, ALBERT EDWARD ..	{ Lucerne, Cowles Road, Mosman, New South Wales.
1890 Dec. 2.	FLAVIN, WILLIAM RICHARD ..	{ Jackson House, Jackson Chat Street, Calcutta.
1894 Jan. 9.	FLEMING, GEORGE EDWARD ..	{ Dewrance & Co., 79 West Regent Street, Glasgow.
1904 Jan. 12.	{ FLEMING, SAMUEL HENRY, B.E., B.A. ( <i>Royal</i> ) .. ..	Crookland's Inn, Milnthorpe.
1894 May 1.	*FLETCHER, BERNARD MORLEY	{ 20 Victoria Street, S.W. (Agonium, London. Westminster 5085.)
1891 May 5.	*FLETCHER, GEORGE EDWIN ..	77 King Street, Manchester.
1893 May 2.	*FLETCHER, HENRY LAVINGTON	{ Murdoch & Templeton, Mansourah, Egypt.
1897 Dec. 7.	*FLETCHER, HERBERT PHILLIPS	29 New Bridge Street, E.C.
1887 May 24.	FLETCHER, JOHN .. ..	Boro' Eng., Durban, Natal.
✠ 1886 Feb. 2.	FLETCHER, JOHN WILLIAM ..	{ The Homestead, Cale Green, Stockport.
1892 Dec. 6.	*FLETCHER, PATRICK .. ..	Bulawayo, Matabeleland.
1891 Dec. 1.	*FLETCHER, ROBERT ALEXANDER	Bulawayo, Matabeleland.
1892 Dec. 6.	{ FLETCHER, WILLIAM WELLESLEY POLE .. ..	{ 19 Upper Phillimore Place, Kensington, W.
1899 Apr. 11.	{ *FLOOD, JOHN GARNAR, B.A. ( <i>Cantab.</i> ) .. ..	Ibstock, near Leicester.
1897 Apr. 6.	*FLOWER, ERNEST HUBERT ..	47 Drummond Road, Agra, India.
1894 Dec. 4.	FLOWER, THOMAS JAMES MOSS-	{ Carlton Chambers, Baldwin St., Bristol. (Moss-Flower, Bristol, 756.)
1901 Dec. 3.	FOLEY, JOHN .. ..	24 Torrens Square, Stratford, E.
1904 Apr. 19.	FOLK, SAMUEL MARK .. ..	73 Park Road, Regent's Park, N.W.
1887 Mar. 1.	FOOT, FREDERICK ROBERT ..	{ New Fastnet Works, Rock Island, Skibbereen, co. Cork.
1888 Mar. 6.	*FORBES, ANDREW .. ..	136 Otley Road, Leeds.
1896 Mar. 3.	*FORBES, HENRY KEITH .. ..	Long Newton Reservoir, Darlington.
1873 May 6.	FORD, ARCHIBALD HENRY ..	11 High Street, Portsmouth.
1892 May 24.	{ *FORD, CHARLES FREDERICK VERNON .. ..	{ Marehay Main Colliery, Ripley, Derby.
1883 May 29.	*FORD, HENRY WALTER .. ..	Calle Constitucion 1464, Buenos Aires.
1889 Jan. 8.	*FORD, HUGO ROBERT .. ..	{ Estacion Haedo, F. C. Oeste, Buenos Aires.
1891 Dec. 1.	FORD, JOHN CUNNINGHAM ..	{ Cooke & Sons, 14 Great Chapel Street, Westminster, S.W.
1894 Mar. 6.	*FORD, THOMAS WHARTON ..	9 Bridge Street, Westminster, S.W.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1897 Jan. 12.	FORDE, HENRY BLIGH .. ..	{ Norddeutsche Seekabelwerke, Nord-
	1890 Apr. 1.	FORDER, WALTER GEORGE .. ..	enhamm-an-der Weser, Germany.
	1894 Dec. 4.	FORREST, JOHN CHARLES .. ..	107 High Road, Lee, S.E.
			{ Holly Bank Colliery, Essington,
			Wolverhampton.
✕	1896 Apr. 14.	{ *FORREST, WILLIAM ROBERTSON	7 The Sanctuary, Westminster,
		LIDDERDALE .. ..	S.W.
	1896 Mar. 3.	*FORRESTER, ARTHUR LIVESEY	Lea Cottage, Malmesbury, Wilts.
✕	1894 May 22.	{ FORSTER, CHARLES EDWARD,	Colonial Sugar Refining Co., Sydney,
		B.A. ( <i>Sydney</i> ) .. ..	N.S.W.
	1882 Dec. 5.	{ FOSTER, EDWARD WILLIAM	P.W.D., Cairo.
		PERCEVAL, C.M.G. .. ..	
	1890 Dec. 2.	FOSTER, FRANK .. ..	F. C. Oeste, Once, Buenos Aires.
	1891 Dec. 1.	{ *FOSTER, HENRY LLEWELLYN	M. Longridge, 12 King Street,
		THOMAS .. ..	Manchester.
	1890 Feb. 4.	FOTHERGILL, JOHN REED .. ..	1 Bathgate Terrace, West Hartlepool.
	1901 Apr. 2.	FOULIS, WILLIAM AINSLIE .. ..	{ Tyne Improvement Commission,
			Newcastle-on-Tyne.
	1886 Mar. 2.	FOWLE, FULWAR CRAVEN .. ..	Nagpur, C.P., India.
	1902 Jan. 14.	{ *FOWLER, CECIL ARTHUR,	1 Newtown Villas, Waterford.
		B.A.I. ( <i>Dubl.</i> ) .. ..	
t m ✕	1896 Dec. 1.	*FOWLER, HENRY .. ..	122 Rose Hill Street, Derby.
	1902 Dec. 2.	FOWLDS, WALTER .. ..	Boro' Engineer's Office, Keighley.
	1904 Mar. 1.	*FOX, ALFRED, JUN. .. ..	{ Senor J. E. Harmsen, Arequipa,
			Peru.
f m ✕	1901 Mar. 5.	{ *FOX, CHARLES BERESFORD,	Victoria Falls Bridge, Livingstone,
		M.A. ( <i>Cantab.</i> ) .. ..	Rhodesia.
✕	1890 Feb. 4.	*FOX, GUILHERME HENRIQUE .. ..	States Ry., Kajang, Malay, S.S.
	1893 Jan. 10.	*FOX, JOHN RICHARD STRATFORD	{ F. C. Rosario, Calle Bartolome
			Mitre 299, Buenos Aires.
	1904 Apr. 12.	{ *FOX, SENIOR FREDERICK	Town Hall, Newport, Mon.
		LEOPOLD .. ..	
	1897 Dec. 7.	*FOY, ERNEST RUDOLPH .. ..	Chenâb Canal, Lyallpore, India.
	1884 Dec. 6.	FRÄNCKEL, EDWARD .. ..	Atlas Works, Stockholm.
	1879 Feb. 4.	FRANCKEN, WILLIAM AUGUSTUS	{ c.o. Grindlay & Co., Parliament
			Street, S.W.
	1891 Apr. 7.	FRANKLIN, LUKE, B.E. ( <i>Queen's</i> )	Mount Road, Fleetwood.
	1901 Dec. 3.	*FRANKS, CHARLES FOARD .. ..	{ South Metropolitan Gas Company,
			70 Bankside, S.E.
	1894 Jan. 9.	*FRANKS, THOMAS WILLIAM .. ..	Seveirg Buildings, Lewes. [Malvern.
	1892 May 3.	FRASER, ALEXANDER ORME .. ..	C. P. Green, Beresford House, Great
	1881 Dec. 6.	*FRASER, ERNEST GORDON .. ..	{ Staunton House, Staunton, Coleford,
			Glos. [Cape Colony.
	1903 Apr. 7.	FRASER, THOMAS .. ..	Govt. Rys., Engineer's Camp, George,
	1904 Apr. 12.	FRASER, WILLIAM ALEXANDER	{ 1 Ogilvie Terrace, Merchiston,
			Edinburgh.
	1873 May 20.	FRASER, WILLIAM JOHN .. ..	121 Adelaide Rd., Hampstead, N.W.
	1895 Dec. 3.	FRECH, ALFRED SIGISMUND .. ..	Engineer's Office, Victoria Docks, E.
	1877 Dec. 4.	FREEMAN, HENRY SOMERSON .. ..	Cormongers, Nutfield.
t ✕	1895 Apr. 2.	*FRERE, FRANK HORACE .. ..	Eng.'s Office, Midland Ry., Derby.
	1901 Apr. 2.	*FREUND, GEORGE JOHN, JUN. .. ..	{ Lancaster House, Dacres Road,
			Forest Hill, S.E.
	1896 Dec. 1.	FREW, ALEXANDER .. ..	140 West George Street, Glasgow.
	1890 Dec. 2.	FREW, ROBERT DIXON ALISON	Chelmer, near Brisbane, Queensland.
	1901 Feb. 5.	*FRIEDBERGER, MAURICE BRYHAM	Nedderton, near Newcastle-on-Tyne.
	1891 Apr. 7.	{ *FRIEDERICH, HERBERT FERDI-	Electric Light Station, Burn Road,
		NAND .. ..	West Hartlepool. [Waterford.
	1902 Dec. 2.	FRIEL, WILLIAM .. ..	Chamber of Commerce Buildings,
	1888 Feb. 7.	*FROBISHER, EDWARD .. ..	Urban District Council, Fleetwood.
	1884 Dec. 2.	FROGGATT, WILLIAM .. ..	Chapelton, Sheffield.
	1886 Dec. 7.	FRY, WILLIAM HENRY .. ..	9 High Street, Gosport.



	Date of Election.	ASSOCIATE MEMBERS.	
	1893 Dec. 5.	*FUHR, HENRY HANNAY .. ..	P.W.D., King William's Town, C.C.
	1887 Dec. 6.	FUJIKURA, KENTATSU .. ..	{ 4 Atagomachi Sanchome, Shibo, Tokio, Japan.
	1890 Jan. 14.	FULTON, DAVID .. ..	1 Garden Court, Temple, E.C.
	1893 Dec. 5.	*FURNESS, GEORGE JAMES .. ..	{ Knowles Tower, Roundwood Road, Willesden, N.W.
	1898 Dec. 6.	*FURNIVALL, FRANK.. ..	King, King & Co., Bombay.
	1900 Dec. 4.	GABBETT, EDWARD .. ..	P.W.D., Maymyo, Burma.
	1900 Apr. 3.	GADSBY, DAVID JOHNSON .. ..	12 Cambridge Road, Hove, Sussex.
	1888 Jan. 10.	{ GAFFNEY, FRANCIS SEBASTIAN } BURKE .. ..	Deputy Colonial Engineer, Penang, S.S.
	1896 May 19.	{ GAFFNEY, STAFFORD, } { M.A.I. (Dubl.) .. ..	{ Cork, Blackrock & Passage Ry., Monkstown, co. Cork.
	1892 Dec. 6.	*GAGE, JOHN FRANKLIN .. ..	{ 190 Fordwych Road, Cricklewood, N.W.
	1900 Feb. 6.	{ GAILEY, THOMAS ANDREW, } B.E., B.A. (Royal) .. ..	Woodleigh Terrace, Londonderry.
m	1871 Mar. 7.	*GAINSFORD, THOMAS ROBERT..	Woodthorpe Hall, near Sheffield.
	1877 May 29.	GALBRAITH, JOHN, M.A. (Toronto)	School of Practical Science, Toronto.
m ✚	1894 Dec. 4.	*GALE, ARTHUR ROBERT .. ..	96 Midland Road, Bedford.
m	1889 May 21.	*GALE, CHARLES HENRY .. ..	P.W.D., Hong Kong.
	1895 May 21.	GALE, WILLIAM WILLIS .. ..	Urban District Council, Carshalton.
	1891 Mar. 3.	*GALES, ROBERT RICHARD, F.C.H.,	King, King & Co., Bombay.
✚	1884 May 27.	GALLON, WILLIAM .. ..	Vestry Hall, Upper St., Islington, N.
	1877 Dec. 4.	{ *GALLOWAY, THOMAS LINDSAY, } M.A. (Glas.) .. ..	175 West George Street, Glasgow.
	1880 Dec. 7.	GAMBLE, SIDNEY GOMPERTZ ..	Fire Brigade, Southwark, S.E.
	1892 Dec. 6.	GANDON, JOHN .. ..	Ottoman Gas Company, Smyrna.
	1889 Mar. 5.	*GARBUIT, MATTHEW .. ..	Bishop's Road Station, W.
	1894 Dec. 4.	{ *GARDNER, JOHN WISHART } FAIRLIE .. ..	15 Waverley Gardens, Crossmyloof, Glasgow.
	1897 Dec. 7.	*GARFIELD, JOSEPH .. ..	Thackley, Bradford.
	1890 Apr. 1.	*GARLAND, ERNEST TALBOT COPE	Ipoh, Perak, Malay, S.S.
	1899 Dec. 5.	*GARNETT, SYDNEY HAROLD ..	Cardross, Dumbartonshire.
	1900 Apr. 3.	GARRARD, GEORGE .. ..	Waterworks, Small Street, Bristol.
	1891 May 5.	*GARRARD, JOHN JERVIS .. ..	119 Church St., Maritzburg, Natal.
✚	1895 Apr. 2.	GARRATT, HERBERT ALFRED ..	{ Northern Polytechnic Institute, Hol-loway Rd., N.
	1895 Feb. 5.	*GARRETT, FRANK, JUN. .. ..	Leiston Works, Suffolk.
	1902 Dec. 2.	GARRETT, FREDERICK MORTON	{ Box 271, Bloemfontein, Orange River Colony.
	1890 Dec. 2.	GARRETT, HENRY AUGUSTUS ..	Town Surveyor, Torquay.
	1904 Apr. 12.	GARBOD, CHARLES, B.Sc. (Lond.)	7 Jenner Road, Stoke Newington, N.
	1896 Dec. 1.	GARROD, JOHN REBBECK .. ..	{ F.C.E.R., Parana, Entre Rios, Argentina.
	1895 Dec. 3.	GARSDIE, EDWARD .. ..	{ Town Hall Chambers, Ashton-under-Lyne.
	1891 Dec. 1.	GARSON, GEORGE, B.Sc. (Edin.)	{ Victorian Water Supply, Melbourne Victoria.
	1892 May 24.	GARTHWAITE, JOHN GEORGE ..	Engineer's Office, Guildhall, E.C.
	1902 Jan. 14.	*GARVIE, ROBERT HALLEY .. ..	Docks, Trafford Road, Salford.
	1892 Jan. 12.	GASKELL, JOHN BERRIDGE .. ..	Dock & Ry. Co., Milford Haven.
	1899 Apr. 11.	*GASKIN, FREDERIC WILLIAM	Water Engineer's Dept., Liverpool.
	1894 Dec. 4.	GATEHOUSE, TOM ERNEST .. ..	60 Gresham Road, Brixton, S.W.
	1891 Feb. 3.	*GATES, CHASEMORE PHILIP ..	5 Lawn Road Villas, Doncaster.
	1887 Apr. 5.	GATT, LORENZO .. ..	10 Strada Seconda, Floriana, Malta.
	1900 Feb. 6.	*GAVIN, JOSEPH MERRICKS ..	{ 65 South Hill Park, Hampstead, N.W.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1903 Apr. 7.	GAZE, HARRY PHILIP .. ..	{ Central Electric Supply Co., Grove Road, St. John's Wood, N.W.
	1900 Apr. 3.	{ *GEDYE, NICHOLAS GEORGE, B.Sc. ( <i>Birmingham</i> ) .. ..	{ 15 Victoria Street, Westminster, S.W.
	1893 Mar. 7.	*GELSTON, ROBERT .. ..	74 George Street, Limerick.
	1882 Dec. 5.	*GEORGE, DUNCAN .. ..	King, King & Co., Bombay.
	1894 Mar. 6.	GERRAND, DAVID .. ..	Box 3712, Johannesburg, Transvaal.
	1899 Dec. 5.	GERTNER, ALBERT WILLIAM ..	State Rys., Victoria Malleco, Chile.
✠	1890 Dec. 2.	GHOSH, JOGINDRA NATH ..	P.W.D., Barisal, Bengal.
	1897 Apr. 6.	*GIBB, ALEXANDER .. ..	{ Contractor's Office, New Dock Works, Ipswich.
	1866 Feb. 6.	GIBB, EASTON .. ..	Haversham Grange, Twickenham.
	1904 Apr. 19.	GIBBINGS, ALFRED HORSWILL ..	Lynton, Heaton Norris, Stockport.
	1892 Feb. 2.	GIBBINS, WILLIAM DICKINS ..	63 Victoria Road, Northampton.
	1874 May 5.	*GIBBONS, CHARLES PRESTON ..	T. Doewra & Son, Ball's Pond, N.
	1889 Feb. 5.	{ GIBBONS, GEORGE BENJAMIN ALBERT .. ..	{ The Limes, Pedmore.
	1902 Apr. 8.	GIBBS, ALECK ROBERT .. ..	35 Medora Road, Brixton Hill, S.W.
m ✠	1891 Dec. 1.	*GIBBS, LAWRENCE .. ..	Denison, Ram & Gibbs, Hong Kong.
	1902 Dec. 2.	*GIBSON, ALEXANDER JAMES ..	{ Railway Construction Branch, P.W.D., Sydney, N.S.W.
	1900 Apr. 3.	GIBSON, GEORGE HENRY .. ..	246 Bath Street, Glasgow.
	1890 Jan. 14.	*GIBSON, NORMAN WALTER JOHN	7 Royal Arsenal, Woolwich.
	1900 Dec. 4.	*GIBSON, RALPH ERNEST ..	Gasworks, Huddersfield.
	1899 Apr. 11.	{ GIBSON, THOMAS SYDNEY FLETCHER .. ..	{ Gasworks, 709 Old Kent Rd., S.E.
	1885 Dec. 1.	*GIFFORD, EDWARD .. ..	Mrs. Gill, Fleet, near Weymouth.
	1890 Jan. 14.	*GIFFORD, HERBERT JAMES ..	
	1895 Feb. 5.	{ *GILBERT, THOMAS STEPHEN, B.E. ( <i>Royal</i> ) .. ..	{ Harbour Office, Belfast.
	1885 Dec. 1.	*GILES, WALTER .. ..	H. S. King & Co., Pall Mall, S.W.
	1883 Dec. 4.	GILL, ALBERT AUGUSTUS .. ..	35 Commercial Road, Pimlico, S.W.
	1901 Apr. 2.	GILL, HENRY DUDLEY .. ..	Hornchurch Hall, Hornchurch, Essex.
	1886 May 4.	GILL, JOHN .. ..	Lea Hurst, Bangor.
	1888 Apr. 10.	GILL, JOHN .. ..	Imperial Road, Fulham, S.W.
✠	1878 Feb. 5.	*GILL, JOHN CHARLES .. ..	Municipal Offices, Peterboro'.
	1884 Mar. 4.	*GILL, LEONARD ALDRIDGE ..	Ingleside, Montague Rd., Ealing, W.
	1886 Dec. 7.	GILLESPIE, JOHN .. ..	{ Govt. Rys., Engineer's Dept., Cape Town, C.C.
	1889 Dec. 3.	GILLIES, JAMES DOUGLAS ..	Greymouth, New Zealand.
	1889 Dec. 3.	*GILLINGHAM, ALFRED JOHN ..	{ San Isidro 374, San Martin, Provincia de Buenos Aires, Argentina.
	1894 May 1.	*GILL-JENKINS, DANIEL .. ..	{ Coromandel Gold Mining Co., Mysore, India.
	1895 Jan. 8.	GILLMAN, GUSTAVE .. ..	Gt. Southern Ry., Aguilas, Spain.
	1898 Dec. 6.	GILMOUR, DAVID .. ..	Box 231, Johannesburg, Transvaal.
	1891 Dec. 1.	GILMOUR, ROBERT .. ..	122 Wellington Street, Glasgow.
	1896 Dec. 1.	*GIVEN, ERNEST CRANSTON ..	{ 4 Hargreaves Road Liverpool. (Given, Liverpool. Garston 183).
	1900 Mar. 6.	GLASS, SYDNEY NEWTON ..	16 Ravenscroft Road, Chiswick, W.
✠	1896 Jan. 14.	*GLOVER, GEORGE TERTIUS ..	{ N.E. Ry., Carriage Dept., Heaton-on-Tyne.
	1887 Dec. 6.	{ GLOVER, RALPH STEPHEN, M.E. ( <i>Queen's</i> ) .. ..	{ Midland Ry., Betwa, India.
	1891 Dec. 1.	*GLOVER, THOMAS .. ..	Bengal Iron Co., Barakur, Bengal.
✠	1888 Dec. 4.	*GLOYNE, ROBERT MAYNARD ..	{ 30 Cumberland Road, Kew Gardens, S.W. [Japan.
	1885 Feb. 3.	GODAI, RIYOSAKU .. ..	5 Kitamachi, Ushigome Ku, Tokio,
	1891 Mar. 3.	GODFREY, ARTHUR HILL ..	
	1895 May 21.	*GODFREY, BERNARD .. ..	Bramley, Rotherham.

	Date of Election.	ASSOCIATE MEMBERS.	
m	✠ 1899 Dec. 5.	*GODFREY, CHARLES HENRY ..	Municipal Offices, Shaghai.
	1897 Dec. 7.	*GODFREY, FREDERICK WILLIAM	{ De Aar-Prieska Ry., De Aar, Cape Colony.
	1897 Mar. 2.	{ *GODFREY, GEORGE COCHRANE, .. .. . B.A. ( <i>Cantab.</i> ) .. .. . }	{ Bengal-Nagpur Railway, 17 Garden Reach Road, Calcutta.
	1899 Dec. 5.	{ GODFREY, JOHN BRETON, .. .. . B.E. ( <i>Calcutta</i> ) .. .. . }	{ W. Watson & Co., Bombay.
✠	1888 Apr. 10.	GODFREY, ROBERT .. .. .	Silver How, Alne, York.
	1900 Apr. 3.	*GONSALVES, GEORGE .. .. .	{ C. H. Walker & Co., 660 Commercial Road, Limehouse, E.
	1889 Mar. 5.	*GOOCH, HENRY JESSE .. .. .	{ Chelsea Waterworks, Commercial Road, Pinlicko, S.W. [vaal.
	1899 Dec. 5.	GOOD, HARRY .. .. .	Town Engineer, Boksburg, Trans-
	1890 Mar. 4.	*GOODALL, CLARENCE NOËL ..	{ Robert Stephenson & Co., Darling-
	1886 Apr. 6.	*GOODALL, THOMAS EDWARD ..	{ c.o. Mrs. Goodall, 57 Fitzroy Rd., Regent's Park, N.W.
	1878 Feb. 5.	{ *GOODFELLOW, ARTHUR TRETH- OWAN .. .. . }	{ H. S. King & Co., 65 Cornhill, E.C.
	1899 Dec. 5.	*GOODMAN, GEORGE SMITH ..	{ Mrs. Reeve, 3 Alton Terrace, Mut-
	1894 Feb. 6.	*GOODMAN, JAMES .. .. .	{ Grand Junction Waterworks, Brent-
	1894 Dec. 4.	*GOODMAN, RICHARD .. .. .	ford, W.
	1889 Apr. 2.	GOODYEAR, HERBERT .. .. .	51 Cambridge Road, Chiswick, W.
	1890 Dec. 2.	GORDON, CHARLES GRIMSTON ..	Boro' Engineer, Colchester.
	1904 Mar. 1.	{ *GORDON, GEORGE FRANCIS CARTER, M.A. ( <i>Cantab.</i> ) .. }	{ c/o Royal Colonial Institute, Northumberland Avenue, W.C.
	1888 Apr. 10.	GORDON, HENRY ANDREW ..	{ Asansol, East Indian Railway, India.
	1899 Feb. 7.	{ *GORDON, HENRY HERMAN, B.A. ( <i>Lond.</i> ) .. .. . }	{ Bank of New Zealand Buildings, Queen Street, Auckland, N.Z.
	1894 Dec. 4.	GORDON, JOHN .. .. .	2 Great Prescott Street, E.
	1897 Apr. 6.	*GORE, WILLIAM .. .. .	Burgh Surveyor's Office, Aberdeen.
	1887 May 3.	GOSLETT, CHARLES ALFRED ..	44 Inman Road, Harlesden, N.W.
	1899 Apr. 11.	{ GOSTWYCK, HUMPHREY .. .. . HARFORD GOSTWYCK .. .. . }	{ 1733 Euterpe St., New Orleans, U.S.
	1898 Mar. 1.	GOTT, CHARLES HENRY .. .. .	{ Engineer's Office, E. I. Ry., Cal-
	1884 Dec. 2.	*GOTTO, PERCY MURLY .. .. .	{ cutta.
	1895 Jan. 8.	GOTTO, PETER .. .. .	{ 8 Charles Street, Bradford.
	1904 Jan. 12.	GOULD, HENRY .. .. .	{ 228 Dashwood House, New Broad Street, E.C. [N.W.
	1892 Jan. 12.	GOULDEN, THOMAS .. .. .	{ West Heath House, Hampstead.
✠	1891 Feb. 3.	GOUMENT, CHARLES ERNEST VERE	{ 24 Church Street, Kingston, Jamaica.
	1902 Apr. 8.	GOW, WILLIAM JAMES .. .. .	{ Gasworks, Beckton, E.
	1884 May 27.	GRAÇA, JOAO CORDEIRO DA ..	{ P.W.D., Lahore, Punjab.
	1878 Feb. 5.	GRAFTON, ALEXANDER .. .. .	{ Technical Institute, Saltram Cres-
	1900 Feb. 6.	{ *GRAHAM, ALFRED HENRY IRVINE .. .. . }	{ cent, Maida Hill, W.
	1900 Dec. 4.	*GRAHAM, DONALD CHARLES	{ P.O. Box 566, Rio de Janeiro.
	1874 Apr. 14.	GRAHAM, FRANCIS EDMOND ..	{ Vulcan Works, Bedford. (Grafton, Bedford.)
	1893 Apr. 11.	GRAHAM, MAURICE .. .. .	{ 12 Thorncliffe Grove, Manchester.
	1877 May 1.	GRANT, ALEXANDER .. .. .	{ Cotswold, Lansdowne Road, Wimble-
	1857 Feb. 3.	GRANT, CHARLES HENRY .. .. .	{ don, S.W.
	1904 Jan. 12.	{ GRANT, CHARLES JAMES, B.C.E. ( <i>Melbourne</i> ) .. .. . }	{ 23 Cork Street, W.
	1883 Dec. 4.	GRANT, ROBERT CAMPBELL ..	{ Summerhill, Apperley Bridge, Yorks.
			{ Maryhill, Inverness.
			{ Addlestone, Hobart, Tasmania.
			{ Mildura, Victoria.
			{ Hale Edge, South Nutfield, Surrey.



Date of  
Election.

## ASSOCIATE MEMBERS.

1898 Feb. 1.	GRANT-BROWNING, JOHN ..	{ East London Waterworks, Lea Bridge, Clapton, N.E.
1870 Apr. 5.	*GRAVELL, DAVID .. ..	{ 6 Queen Anne's Gate, S.W. (P.O. Telephone—Victoria 481.)
✠ 1898 Dec. 6.	*GRAY, ANDREW .. ..	{ Marconi Wireless Telegraph Co., 18 Finch Lane, E.C.
1888 May 15.	GRAY, CHRISTIAN HAMILTON ..	Telegraph Works, Silvertown, E.
1897 Apr. 6.	GRAY, FRANK JAMES .. ..	Land Registry, 4 Clement's Inn, W.C.
1896 May 5.	{ GRAY, GEORGE DAVID, B.A.I. (Dubl.) .. .. }	Eng.'s Office, City Hall, Dublin.
1892 Jan. 12.	*GRAY, HENRY HOLMES .. ..	Aldermaston, near Reading.
1897 Mar. 2.	*GRAY, ROBERT BRUCE MCGREGOR	Gowthorpe, Selby.
1891 Apr. 7.	GRAY, WILLIAM .. ..	44 Broad Street, Birmingham.
1888 May 15.	GRAY, WILLIAM ERNEST .. ..	Telegraph Works, Silvertown, E.
1891 May 5.	GRAY, WILLIAM WYTHERS ..	4 Benet Street, Cambridge.
1885 May 19.	GREATHEAD, WALTER HORATIO	Box 4751, Johannesburg, Transvaal.
1890 Dec. 2.	*GREATOREX, ALBERT DANIEL	Boro' Engineer, West Bromwich.
1888 Apr. 10.	GREEN, EDWARD BAKER .. ..	13 Queen's Road, Erith.
1898 Apr. 5.	*GREEN, FREDERICK DAVIES ..	Glengali, Wanstead, E.
1887 Apr. 5.	*GREEN, GEORGE .. ..	Town Hall, Wolverhampton.
1891 Dec. 1.	*GREEN, GEORGE WILLIAM ..	12 Mortlake Road, Kew.
1879 Apr. 1.	GREEN, HENRY .. ..	Gas Company, Preston.
1889 Apr. 2.	*GREEN, ROBERT .. ..	{ 37 Waterloo Street, Birmingham. (Pritchard, Birmingham. 4450.)
1895 May 21.	*GREENE, LOUIS .. ..	East Indian Ry., Calcutta.
1885 Mar. 3.	GREENHILL, FREDERICK MORRIS	1 Church Road, Penarth, Cardiff.
1865 May 2.	GREENHILL, THOMAS ARTHUR	Santa Teresa 9, Madrid.
1897 Feb. 2.	*GREENHOUGH, FREDERICK HARRY	{ New Breakwaters, Grand Harbour, Malta.
1884 Apr. 1.	GREENLEES, ARCHIBALD .. ..	The Elms, Park Lane, Tottenham, N.
1893 Dec. 5.	GREENSHIELDS, NORMAN ..	Borough Surveyor, Bedford.
1899 Dec. 5.	{ GREENSHIELDS, ROBERT PAD- MORE .. .. }	Hydraulic Power Co., 99 Queen St., Melbourne, Victoria.
1891 Dec. 1.	GREENWELL, ALLAN .. ..	30 Fumival Street, Holborn, E.C.
1893 Dec. 5.	GREENWOOD, CLAUDE .. ..	B. Greenwood, Ossett, Yorks.
1902 Dec. 2.	GREENWOOD, JOSEPH PARKER	Borough Surveyor's Office, Burnley.
1876 Apr. 4.	GREGORY, CHARLES CURRIE ..	Antigonish, Nova Scotia.
1899 Dec. 5.	GREGORY, GEORGE MESROPE ..	1 Park Lane, Calcutta.
1892 Feb. 2.	*GREGSON, GEORGE LEOPOLD ..	{ Blackfalds, Albert Road, Wolver- hampton.
1889 Feb. 5.	*GREGSON, HERBERT BOYS ..	25 Trewsbury Road, Sydenham, S.E.
1890 May 6.	GREGSON, JOHN .. ..	Westwood, Padiham, Lancs.
1886 Dec. 7.	GREIG, ALFRED BURNES ..	
✠ 1875 Apr. 6.	GREIG, ANDREW .. ..	{ 3 Duntrune Terrace, Broughty Ferry, N.B.
1903 Jan. 13.	{ *GREIG, BENJAMIN WILLIAM PATON .. .. }	c.o. Lowdon National Bank, El Paso, Texas, U.S.
1902 Apr. 8.	GREIG, JAMES RENNIE .. ..	117 Bedford Court Mansions, W.C.
1904 Apr. 12.	GREIG, JOHN MARTIN MACFIE	Drainage Works, Partick, Glasgow.
1898 Apr. 5.	GREY, WILLIAM CHARLES ..	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1880 Apr. 6.	*GRIERSON, CHARLES JAMES ..	{ 4 St. Mary's Villas, Warwick Road, Ealing, W.
1904 Jan. 12.	{ GRIEVE, JAMES HENRY, B.Sc. (Glas.) .. .. }	El Damer, Sudan.
1893 Dec. 5.	GRIFFIN, ALBERT EDWIN ..	Butterfield and Swire, Hong Kong.
1881 Dec. 6.	GRIFFIN, BEVERLEY .. ..	{ Priory Lodge, Sydenham Road, Guildford.
1901 Jan. 8.	{ *GRIFFITH, CHARLES LEOPOLD TROYTE .. .. }	Selworthy, College Road, Harrow-on-the-Hill.
1902 Apr. 8.	{ *GRIFFITH, JOHN WILLIAM, M.A., B.A.I. (Dubl.) .. .. }	Engineer's Office, Port and Docks Board, East Wall, Dublin.

	Date of Election.	ASSOCIATE MEMBERS.	
	1893 Dec. 5.	{ *GRIFFITHS, ANDRÉ PIERRE, B.Sc. ( <i>Paris</i> ) .. .. }	6 Rue de l'Oranger, Dieppe.
	1894 Dec. 4.	GRIFFITHS, HARRY DENIS ..	Box 2146, Johannesburg, Transvaal.
W C ✕	1874 Jan. 13.	{ *GRIFFITHS, JOHN ALFRED, B.Sc. ( <i>Victoria</i> ) .. .. }	Patent Office, Brisbane, Queensland.
	1887 Apr. 5.	GRIFFITHS, WALTER GEORGE	Rhymney Ry., Cardiff.
	1878 May 28.	GRIFFITHS, WILLIAM .. ..	61 Sinclair Road, Kensington, W.
	1890 Apr. 1.	*GRIMES, ARTHUR JOHN LUND	Indian Telegraph Dept., Bombay.
	1886 Dec. 7.	*GRIMLEY, SAMUEL SLATER ..	District Council, Hendon, N.W.
	1898 Dec. 6.	GRIMSHAW, CONWAY OSBORNE	57 St. George's Square, S.W.
	1897 Apr. 6.	*GRIMSHAW, FREDERICK HENRY	{ Urban District Council, Atherton, Manchester.
	1879 Mar. 4.	{ GRIMSHAW, JAMES ROBERT, B.A.I. ( <i>Dubl.</i> ) .. .. }	London County Council, Spring Gardens, S.W.
	1902 Dec. 2.	*GRIMSTON, FRANCIS SYLVESTER	4 Glenlue Road, Blackheath, S.E.
	1886 Dec. 7.	*GRITTON, CHARLES EDWARD ..	{ Dock House, Billiter Street, E.C. (Galvanical, London.)
	1879 Apr. 1.	*GROSE, ARTHUR .. ..	{ Misterton, East Park Parade, Northampton.
	1850 Dec. 3.	GROVE, EDMUND .. ..	Norlington, Preston, Brighton.
	1899 Apr. 11.	*GROVE, EDWARD LONG .. ..	Kuching, Sarawak, Borneo.
	1895 Apr. 2.	*GROVER, FREDERICK .. ..	Greek Street Chambers, Leeds.
	1877 May 29.	GROVES, LEONARD .. ..	Carisbrooke, near Newport, I.W.
	1889 Jan. 8.	GROVES, LEVY JOHN .. ..	Crinan Canal, Ardrishaig, N.B.
	1888 Feb. 7.	GRUNWELL, HARTLEY .. ..	{ Isles Crane Works, Stanningley, Leeds.(c/o Isles, Stanningley. 45.)
	1896 Dec. 1.	GUADAGNI, BERNARDO .. ..	51 Via Faenza, Florence, Italy.
	1894 Feb. 6.	*GUEST, RICHARD .. ..	{ North British Loco. Co., Atlas Works, Springburn, Glasgow.
	1878 Feb. 5.	{ *GUILLEMARD, ARTHUR FRANKLIN, B.A. ( <i>Oxon.</i> ) .. .. }	Arica Ry., Tacna, Chile.
	1884 Jan. 8.	*GUINNESS, ARTHUR PERCY ..	5 The Drive, Loughton, Essex.
	1894 Dec. 4.	GUINNESS, HENRY SEYMOUR ..	Evesham, Blackrock, co. Dublin.
	1896 Dec. 1.	*GULLAN, HECTOR FREEMAN ..	{ Supt. of Works, Town Hall Street, Belfast.
	1904 Jan. 12.	*GULLAND, CHARLES .. ..	P.W.D., Bombay.
	1882 Apr. 4.	GUMBLEY, WILLIAM .. ..	Box 2332, Johannesburg, Transvaal.
	1889 Dec. 3.	GUNYON, CHARLES JAMES ..	30 Clarence Road, Wood Green, N.
	1880 May 25.	*GUNYON, THOMAS PERCY ..	Chislehurst, Kent.
	1891 Dec. 1.	*GUYATT, THOMAS ALEXANDER	Gasworks, Ely.
	1902 Apr. 8.	GUYATT, WILLIAM JAMES ..	{ Dorman & Long, Constructional Dept., Middlesbrough.
	1885 Dec. 1.	HADFIELD, FREDERICK JOSEPH	Manor House, Ringsfield, Beccles.
	1901 Apr. 2.	*HADOW, FREDERICK AUSTEN ..	King, King & Co., Bombay.
	1892 Dec. 6.	HAHN, DANIEL MEINERTS ..	Port of Spain, Trinidad.
	1885 Dec. 1.	HAIGH, JONATHAN .. ..	Town Hall, Abergavenny.
✕	1902 Apr. 8.	HAIGH, WILLIAM HENRY ..	Borough Engineer's Office, Cardiff.
	1879 May 27.	HAINES, JOSEPH RICHARD ..	{ Adderley Green Colliery, Stoke-on-Trent.
	1895 Mar. 5.	HALDEN, GEORGE MASON ..	{ G. N. & City Ry., Poole Street, New North Road, N.
	1889 Mar. 5.	HALL, ALBERT FRANCIS ..	{ The G. F. Blake Mfg. Co., Third St. East Cambridge, Mass., U.S.
	1890 Apr. 1.	HALL, CARL .. ..	Durban Club, Durban, Natal.
	1892 Dec. 6.	HALL, HARRY .. ..	{ 113 Fawnbrake Avenue, Herne Hill, S.E.
	1899 Apr. 11.	HALL, JOHN WILLIM .. ..	Athenaeum Chambers, Birmingham
	1894 Dec. 4.	*HALL, LEONARD GEORGE ..	Gas and Waterworks, Rhyl.

Date of Election.	ASSOCIATE MEMBERS.	
1894 Feb. 6.	{ HALL, THOMAS ANDREW, } B.E. ( <i>Royal</i> ) .. .. .	Lough Swilly Ry., Pennyburn, Londonderry.
1890 Feb. 4.	HALL, THOMAS BERNARD ..	{ 119 Colmore Row, Birmingham. (Tamar, Birmingham.)
1891 Jan. 13.	HALL, WATKIN .. .. .	Local Board, Gt. Crosby, Liverpool.
m 1900 Dec. 4.	*HALL, WILFRED, M.A. ( <i>Cantab.</i> )	Dilston Hall, Corbridge-on-Tyne.
1897 Dec. 7.	HALL, WILLIAM .. .. .	{ Grindlay & Co., 54 Parliament Street, S.W.
1885 Dec. 1.	HALLER, JAMES CRACROFT ..	Corporation Chambers, Dewsbury.
1886 Mar. 2.	HALLIDAY, JOHN .. .. .	Harbour Trust, Melbourne, Victoria.
1869 Apr. 6.	HAMBLETON, FRANCIS HENRY	Hambleton & Co., Baltimore, U.S.
1897 Apr. 6.	HAMBY, GEORGE HENRY ..	Town Hall, Lowestoft.
1895 Dec. 3.	*HAMER, WILLIAM HENRY ..	89 Clifton Road, Rugby.
1882 Feb. 7.	*HAMILTON, EDWARD .. .. .	Rigwood, Saltburn-by-the-Sea.
t † 1900 Jan. 9.	{ HAMILTON, PATRICK, B.Sc. } ( <i>Glas.</i> ) .. .. .	66 Victoria Street, S.W.
1892 Mar. 1.	HAMILTON, RICHARD GORDON	{ Standard Bank of South Africa, Durban, Natal.
1891 Feb. 3.	*HAMMOND, PHILIP .. .. .	United Railways, Havana, Cuba.
1902 Feb. 4.	*HAMMOND, ROBERT WHITEHEAD	64 Victoria Street, S.W.
1882 May 23.	*HAMP, HENRY JOSEPH .. .. .	Surveyor, Swindon.
1901 Dec. 3.	*HANBURY, HERBERT WOOD ..	8 Dunearn Street, Glasgow.
1900 Mar. 6.	{ *HANCKEL, ALFRED WOODS, } M.Sc. ( <i>Victoria</i> ) .. .. .	King, King & Co., Bombay.
1891 Dec. 1.	*HANCKEL, ROBERT STUART ..	Casilla 377, San José, Costa Rica.
1883 Dec. 5.	HANCOCK, HARRY .. .. .	Box 192, Klerksdorp, Transvaal.
1895 Dec. 3.	HANCOCK, HENRY LIPSON ..	Moonta Mines, South Australia.
1894 Apr. 3.	*HANDCOCK, HENRY WILLIAM	5 Albion Road, Sutton, Surrey.
1876 Feb. 1.	HANDLEY, HENRY JOHN .. ..	
1899 Jan. 10.	{ *HANNA, ROBERT FARRAN, } B.A.I. ( <i>Dubl.</i> ) .. .. .	Madras Ry. Co., Madras.
1893 Feb. 7.	HANNING, THOMAS .. .. .	2 Collingwood St., Newcastle-on-Tyne.
1895 Dec. 3.	HANSARD, VICTOR HANSARD ..	Grosvenor Club, Piccadilly, W.
1881 Jan. 11.	HANSON, JOHN HENRY .. .. .	20 Ramsden Street, Huddersfield.
1900 Dec. 4.	{ HANSSEN, CARL THOMAS } ALFRED .. .. .	{ 319 Lordship Lane, East Dulwich, S.E.
1904 Jan. 12.	*HARDCASTLE, HENRY ARTHUR	Waterworks, Newcastle-on-Tyne.
1893 Dec. 5.	HARDIE, WILLIAM .. .. .	Gasworks, North Shields.
1904 Jan. 12.	{ HARDING, WALLACE ALAN } DOUGLAS .. .. .	S. Pearson & Son, Admiralty Harbour, Dover.
m 1874 Mar. 3.	{ *HARDINGHAM, GEORGE GATTON } MELHUISE .. .. .	{ Clun House, Surrey Street, Strand, W.C. (Hardingham, London.)
1894 Mar. 6.	*HARDMAN, ERNEST WILLIAM	24 Talbot Road, Highgate, N.
1890 Dec. 2.	{ *HARDWICK, FRANCIS WILLIAM, } M.A. ( <i>Oxon.</i> ) .. .. .	University College, Sheffield.
1890 Dec. 2.	*HARDY, CHARLES CHETWODE ..	77 Church Road, Horfield, Bristol.
1902 Mar. 4.	*HARFELD, OSCAR .. .. .	Sergiewskaja 63, St. Petersburg.
1884 Mar. 4.	HARGREAVES, CHARLES FLEMING	Caixa 531, Rio de Janeiro.
1880 Dec. 7.	HARGROVE, JOHN EDWARD ..	{ 1 Colville Mansions, Kensington Park, W.
1903 Apr. 7.	HARKER, BERNARD BROTHERTON	11 Queen's Road Central, Hong Kong.
1895 Feb. 5.	HARKER, WILLIAM .. .. .	Cannon Street House, E.C.
1898 Dec. 6.	HARLEY, ALFRED FRANCIS ..	Mandarin, Florida, U.S.
1888 Jan. 10.	HARLEY, ARTHUR .. .. .	{ Rosslyn, Westbourne Road, Forest Hill, S.E.
1904 Apr. 12.	HARLEY-MASON, JOHN HARLEY	34 Dulwich Road, Herne Hill, S.E.
1897 Mar. 2.	HARLOCK, HAROLD .. .. .	Lamorna, Cleveland Road, Ealing, W.
1890 Jan. 14.	*HARNETT, ARTHUR .. .. .	Thames Conservancy, Embankment
1891 Feb. 3.	HARPER, HERBERT WILLIAM ..	13 St. Helen's Place, E.C. [E.C.
1904 Jan. 12.	HARPER, JAMES .. .. .	N.E. Ry., Monte Caseros, Argentina
1893 Dec. 5.	HARPER, LOUIS .. .. .	115 Union Street, Aberdeen.



Date of Election.		ASSOCIATE MEMBERS.	
✠	1886 Dec. 7.	HARPER, WALTER ANDREW ..	13 St. Helen's Place, E.C.
	1897 Apr. 6.	HARRAP, GEORGE THOMAS ..	5 Budge Row, Cannon St., E.C.
	1896 Dec. 1.	HARRIS, GORDON WILLIAM ..	{ Merryweather & Sons, Greenwich Road, S.E.
	1895 Dec. 3.	HARRIS, JOHN PARKER ..	21 Delahay Street, Westminster, S.W.
	1883 Feb. 6.	HARRIS, RICHARD .. ..	3 Vinery Villas, Regent's Park, N.W.
	1889 Dec. 3.	HARRIS, SAMUEL CHARLES ..	54 Cannon Street, E.C.
	1889 Dec. 3.	*HARRISON, ARTHUR .. ..	Town Hall, Walworth Road, S.E.
	1879 Mar. 4.	*HARRISON, EDMUND PONTIFEX	{ Box 116, Jeppestown, Johannesburg, Transvaal.
	1889 Dec. 3.	HARRISON, EDWARD HENRY ..	7 Carteret St., Westminster, S.W.
	1904 Apr. 12.	{ HARRISON, FRANCIS ERNEST HENRY, B.A. (Cantab.) ..	{ 12a Wentworth Place, Newcastle-on-Tyne.
	1884 Feb. 5.	HARRISON, GEORGE HOWARD ..	Thornton, near Ryde, I.W.
	1900 Jan. 9.	{ *HARRISON, HERBERT EDWARD HYDE .. .. .	{ Liverpool Waterworks, Llanforda, Oswestry.
	1885 Apr. 14.	{ HARRISON, HUGH ERAT, B.Sc. (Lond.) .. ..	{ 28 Sussex Place, Regent's Park, N.W.
t ✠	1887 Dec. 6.	HARRISON, JOSEPH .. ..	{ Royal College of Science, Kensington, S.W.
	1892 Apr. 5.	{ *HARRISON, OCTAVIAN JOHN ALFRED .. .. .	{ 15 Hencroft Street, Slough.
	1888 May 1.	*HARRISON, OLIVER HERBERT ..	Tapachula, Chiapas, Mexico.
	1887 May 24.	HARRISON, WILLIAM JOSEPH ..	{ 7 Carteret Street, Westminster, S.W. (Rubrica, London.)
	1901 Dec. 3.	HARRISON, WILLIAM STUART ..	{ China and Japan Telephone Co., Hong Kong.
	1879 May 27.	HARRISON, THOMAS HARNETT	{ Central Buildings, North John Street, Liverpool.
	1891 Feb. 3.	HARSTON, WILLIAM .. ..	Town Surveyor, High St., Dartford.
	1869 Feb. 2.	HART, CHARLES .. ..	3 Avenue Road, Leamington.
	1877 Feb. 6.	HART, JAMES .. ..	{ Summerfield, Christopher P.O., King Co., Washington, U.S.
	1899 Apr. 11.	{ *HART, JOHN RUSSELL, B.A. (Cantab.) .. ..	{ c.o. A. W. S. Cross, 53A Maddox Street, W.
	1894 Dec. 4.	*HART, PATRICK CAMPBELL ..	{ 134 St. Vincent Street, Glasgow. (Guarantee, Glasgow. Argyle 01850.)
	1892 Dec. 6.	*HART, THOMAS .. ..	Tharsis Mines, Huelva, Spain.
	1893 Jan. 10.	HARTLEY, JOHN .. ..	11 Monks Hall Grove, Eccles.
	1886 Mar. 2.	*HARTLEY, RICHARD JAMES ..	{ Waterworks Engineer, Gibbet Hill, Halifax.
	1867 Apr. 2.	HARTREE, WILLIAM .. ..	Havering, Tunbridge Wells.
	1904 Jan. 12.	{ HARTY, GEORGE SPENCER, B.A., B.A.I. (Dubl.) ..	{ Ranelagh, Merrion Road, Ballsbridge, Dublin.
	1892 Jan. 12.	HARVEY, FRANCIS GEORGE ..	Le Désir, Canal No. 1, Demerara.
	1896 Feb. 4.	HARVEY, FRANCIS JOSEPH ..	{ Cook & Sons, 13 Esplanade Road, Bombay.
	1904 Apr. 12.	*HARVEY, FRANK STEWART ..	H.M. Dockyard, Devonport.
	1899 Dec. 5.	*HARVEY, HERBRAND .. ..	11 East 32nd Street, New York, U.S.
	1890 May 6.	HARVEY, JOHN BROWN .. ..	{ Reid Company, St. John's, Newfoundland.
t ✠	1880 Dec. 7.	HARVEY, Sir ROBERT .. ..	1 Palace Gate, W.
	1892 Dec. 6.	HARVEY, ROBERT FALKLAND	17 Water Street, Liverpool.
S t ✠	1873 Apr. 1.	HARVEY, THOMAS FLETCHER ..	Merthyr Tydfil.
	1892 Feb. 2.	*HARVEY, THOMAS FRANCIS ..	Purland Chase, Ross, Herefordshire.
	1904 Apr. 12.	HARVIE, THOMAS WHITE ..	{ "Rossville," Holmhead Road, Cathcart, Glasgow.
✠	1885 Feb. 3.	HASEGAWA, KINSKE .. ..	{ Imperial Taiwan Rys., Taipeh, Formosa, Japan.
	1898 Feb. 1.	HASELDEN, ARTHUR .. ..	Linares, Jaen, Spain.
	1900 Feb. 6.	*HASSARD, ARTHUR, B.A.I. (Dubl.)	{ Congested Districts Board, 23 Rutland Square, Dublin.

Date of  
Election.

## ASSOCIATE MEMBERS.

1890 May 6.	HASSARD, CHARLES .. .. .	{Relief Works, Mushroom Valley, Wynburg, Orange River Colony.
1896 Dec. 1.	*HASSELL, WILLIAM FRANCIS ..	{Wwlwy, All Saints Road, Clifton, Bristol.
1900 Dec. 4.	HASTINGS, HAROLD .. ..	39 Clock House Road, Beckenham.
1897 Mar. 2.	*HATT, JOHN JOSEPH .. ..	410 London Road South, Lowestoft.
1883 May 1.	HAUGHTON, WALTER RALEIGH	{Eastern Bengal State Ry., Sealdah, Calcutta.
1902 Jan. 14.	{HAULTAIN, HERBERT EDWARD TERRICK .. .. .}	Box 702, Nelson, British Columbia.
1891 May 5.	{HAWES, FREDERICK BENJAMIN OLIPHANT .. .. .}	1 Wellington Chambers, Bucking- ham Gate, S.W.
1904 Apr. 19.	HAWES, ROBERT DONALDSON	{L. & S. W. Ry., Engineers' Office, Waterloo, S.E.
1894 Dec. 4.	HAWKINS, ISAAC THOMAS ..	P. W. D., Lagos, West Africa.
1897 Apr. 6.	*HAWKINS, PERCY .. ..	Vellore, North Arcot, Madras.
1893 May 2.	HAWKINS, RUPERT SKELTON ..	{Assam-Bengal Ry., Chittagong, Bengal.
1892 Feb. 2.	*HAWKINS, SYDNEY SANDERSON	Assam Ry., Dibrugarh, Assam.
1893 Dec. 5.	*HAWKINS, T. HAROLD .. ..	3 Rua da Bandeirinha, Oporto.
1900 Apr. 3.	*HAWKINS, TOM SHIRLEY ..	{Admiralty, Avenue House, North- umberland Avenue, W.C.
1895 May 21.	HAWKSLEY, JOSEPH .. ..	Waterworks, Great Yarmouth.
1893 Dec. 5.	HAWLEY, CECIL EDWARD ..	c.o. F. Bell, 15 Queen Street, E.C.
1891 May 5.	HAWTREY, ALBERT NICHOLLS	12 Ella Road, Crouch Hill, N.
1897 Apr. 6.	HAY, JOHN ANGUS .. ..	{Dick, Kerr & Co., 110 Cannon St., E.C.
1890 May 6.	{HAYCROFT, JAMES ISAAC, M.E. ( <i>Queen's</i> ) .. .. .}	Ocean St., Woollahra, Sydney, N.S.W.
1904 Jan. 12.	{HAYES, GEORGE PATRICK, B.A., B.E. ( <i>Royal</i> ) .. .. .}	Royal Dockyard, Devonport.
1879 Dec. 2.	HAYES, HERBERT EDWARD HORACE	Kurunegala, N.W.P., Ceylon.
1876 Dec. 5.	HAYES, JOHN .. ..	11 Church Street, Carnarvon.
1897 Jan. 12.	HAYES, ROBERT THOMAS ..	District Council, Acton, W.
1902 Dec. 2.	{HAYWARD, THOMAS WILLIAM ALFRED .. .. .}	Boro' Surveyor, Stamford.
1900 Dec. 4.	{*HEAD, BENJAMIN WRIGHTSON, B.A. ( <i>Cantab.</i> ) .. .. .}	47 Victoria Street, S.W. (West- minster 237.)
1894 Feb. 6.	*HEAD, D'ESTERRE PRITTIE ..	Govt. Rys., Maritzburg, Natal.
1898 Apr. 5.	*HEAD, HENRY COLEMAN ..	Gasworks, Brauksome, Bournemouth.
1895 Dec. 3.	HEAP, HERBERT .. ..	16 Manor Avenue, Grimsby.
1882 Dec. 5.	HEAPHY, FRANCIS BRADSTREET	{Ermington Villa, Fawnbrake Avenue, Herne Hill, S.E.
1883 Feb. 6.	HEAPHY, THOMAS MUSGRAVE	19 Lombard Street, E.C.
1873 May 20.	*HEATH, ARTHUR HENRY .. ..	{34 Parliament Hill Mansions, High- gate Road, N.W.
1898 Dec. 6.	HEATH, ASHTON MARLER ..	{Crown Agents' Office, Whitehall Gardens, S.W.
1893 Feb. 7.	HEATH, REGINALD HEPBURN ..	B.B. & C.I. Ry., Bombay.
1893 May 16.	*HEATHCOTE, CHARLES FRANCIS	{Tasmania Gold Mine, Beaconsfield, Tasmania.
1893 Dec. 5.	{*HEATHCOTT, JOHN M.Sc. ( <i>Victoria</i> ) .. .. .}	{Engineer's Office, London County Council, Spring Gardens, S.W.
t ✱ 1892 Jan. 12.	{HEATHER, HENRY JAMES SHED- LOCK, B.A. ( <i>Oxon.</i> ) .. .. .}	Barberton, Transvaal.
1891 Apr. 7.	HEATLIE, ARTHUR, B.A. ( <i>Cantab.</i> )	Govt. Rys., Queenstown, Cape Colony.
1890 May 6.	HEATLY, HARRY .. ..	Ballygunge, West Hill Road, S.W.
1895 Apr. 2.	*HEATON, FREDERICK GEORGE ..	King Street, Wigan.
1884 Jan. 8.	HEATON, GEORGE .. ..	King Street, Wigan.
1893 Jan. 10.	{*HEATON-ELLIS, SYDNEY THOMAS EDWARD .. .. .}	65 Duke's Avenue, Muswell Hill, N.

Date of Election	ASSOCIATE MEMBERS.	
1889 Dec. 3.	*HEBB, SIDNEY BEDFORD BEVES	{ Klein Engineering Co., 94 Market, Street, Manchester.
✠ 1892 Dec. 6.	{ HEBBERT, ERNEST GEORGE, B.A. ( <i>Cantab.</i> ) .. .. .	Aysgarth, Tunbridge Wells.
m 1886 Dec. 7.	*HEBBLETHWAITE, FRANK HIRST	
1896 Dec. 1.	*HEBERDEN, LOUIS EDWARD ..	{ Paarl - French - Hoek Ry., Paarl, Cape Colony.
1900 Apr. 3.	HECKFORD, HARLEY .. ..	{ Council Offices, High St, Poplar, E.
1896 Dec. 1.	HECTOR, WILLIAM .. ..	{ Rodney Irrigation & Water Supply Trust, Tatura, Victoria.
1886 Mar. 2.	{ *HEDERSTEDT, WILLIAM ROBERT PAUL .. .. .	{ London County Council, Spring Gardens, S.W.
1904 Jan. 12.	{ HEDGELAND, EDMUND WOOD- HOUSE, B.E. ( <i>Sydney</i> ) .. ..	{ Royal Survey Dept., Bangkok, Siam.
1876 Dec. 5.	HEDGMAN, WILLIAM SOUTHWOOD	75 Upper Ground Street, S.E.
1900 Dec. 4.	{ *HEFFORD, CHARLES NELSON, M.Sc. ( <i>Victoria</i> ) .. .. .	{ 22 Chapel Lane, Headingley, Leeds.
✠ 1889 Feb. 5.	HEINKÉ, EDWIN HARRY ALFRED	{ 6 Downleaze, Stoke Bishop, Bristol.
1896 May 19.	*HEMINGWAY, WILLIAM .. ..	{ 9 Ranelagh Avenue, Hurlingham, S.W.
1904 Jan. 12.	HENDERSON, AIDAN NICHOLAS	{ Works Department, H.M. Dockyard, Portsmouth.
1904 Apr. 12.	HENDERSON, ARCHIBALD .. ..	{ Harbour Engineer's Office, Aberdeen.
1893 Dec. 5.	HENDERSON, ARTHUR JAMES ..	{ Thames Ditton, Surrey.
1890 Feb. 4.	{ *HENDERSON, HECTOR WILLIAM BAILLIE .. .. .	{ Brisbane, Queensland.
1904 Jan. 12.	{ HENDERSON, JOHN GORDON, B.Sc. ( <i>Glas.</i> ) .. .. .	{ The Institution of Civil Engineers, Great George Street, S.W.
1892 Mar. 1.	HENDERSON, JOHN JAMES ..	{ N.W. Ry., Sukkur, Sind, India.
1900 Dec. 4.	HENDERSON, JOHN MACDONALD	{ King Street Engineering Works, Aberdeen. (Cranes, Aberdeen.)
1885 Jan. 13.	{ *HENDERSON, STEPHEN, M.A. ( <i>Aberd.</i> ) .. .. .	{ 63 Pitt St., Sydney, N.S.W.
1904 Apr. 12.	HENEY, GEORGE PARR .. ..	{ H.M. Naval Station, Garden Island, Sydney, N.S.W.
1902 Dec. 2.	*HENNELL, THOMAS BLACKBURN	{ 18 Airlie Place, Dundee.
1893 Mar. 7.	HENNINGER, DANIEL .. ..	{ 11 General Camara, Rio de Janeiro.
1881 Dec. 6.	{ *HENRIQUES, CECIL QUIXANO . Lt.-Col. 1st Middlesex R.E. ( <i>Vols.</i> ) .. .. .	{ 15 Victoria Street, S.W.
1896 Jan. 14.	{ *HENRIQUES, EDGAR HENRY QUIXANO .. .. .	{ 18 Cambridge Road, Southport.
1903 Apr. 7.	HENRY, WALTER .. ..	{ Municipal Offices, Cheltenham.
1892 Dec. 6.	HENSON, JOSHUA BINNINGTON	{ Hunter District Board, Newcastle, N.S.W.
1902 Jan. 14.	*HENTY, MAURICE WALTER ..	{ Topham, Jones & Railton, New Bute Dock, Cardiff.
1902 Dec. 2.	HEPBURN, CHARLES GRAHAM	{ 169 King Street, Sydney, N.S.W.
1883 Dec. 4.	*HERBERT, ARTHUR WILLIAM ..	{ Roadside Bag, Maritzburg, Natal.
1893 Mar. 7.	HERBERT, DAVID WILLIAM ..	{ Poona, Bombay Presidency.
1897 Dec. 7.	{ HERDMAN, GEORGE WALKER, M.A., B.Sc. ( <i>Edin.</i> ) .. ..	{ Govt. Hydraulic Engineer's Office, Pretoria, Transvaal.
1891 Mar. 3.	HERNU, ARTHUR HENRY ..	{ 69 Victoria Street, S.W.
1891 Dec. 1.	HERRIOT, WILLIAM SCOTT ..	{ 19 Kier Street, Pollokshields, Glasgow.
1895 Mar. 5.	HESKETH, JOHN .. ..	{ Postal Telegraph Dept., Brisbane, Queensland.
1896 Feb. 4.	*HESLOP, JOHN GEORGE .. ..	{ Highways Surveyor's Office, Castle Eden, co. Durham.
1878 Feb. 5.	*HESS, ALBERT JOSIAH .. ..	{ 8 Finch Lane, E.C.



Date of  
Election.

## ASSOCIATE MEMBERS.

t ✚	1896 Mar. 3.	HETHERINGTON, JOSEPH .. ..	Cumbria, Hayes, Middlesex.
	1901 Apr. 2.	{*HETHERINGTON, ROGER GASKELL, M.A. ( <i>Cantab.</i> ) ..}	3 Broadlands Road, Highgate, N.
	1874 Dec. 1.	HEWAT, WILLIAM MARSHALL	Ministry of Public Works, Cairo.
	1898 Apr. 5.	HEWETT, BERTRAM HENRY ..	Grant House, The Fort, Bombay.
	1900 Dec. 4.	{*HEWETT, BERTRAM HENRY MAJENDIE .. .. .}	
	1895 Apr. 2.	HEWITT, ALFRED HERBERT ..	{Green Island Cement Co., Hong Kong. [Bristol.
	1876 Feb. 1.	HEWITT, GEORGE COLTHURST	Serridge House, Coalpit Heath,
	1889 May 21	*HEWSON, GEORGE .. .. .	Boro' Engineer's Office, Leeds.
	1894 Dec. 4.	*HEWSON, THOMAS, Jun. .. ..	Park Cottage, Roundhay, Leeds.
	1904 Jan. 12.	HEWSON, WALTER, B.Sc. ( <i>Lond.</i> )	41 Elm Grove Road, Barnes, S.W.
	1903 Mar. 3.	{*HEYWOOD, THOMAS EDWARD HETT .. .. .}	Insein, Burma.
	1904 Apr. 12.	{HIBBERD, CHARLES FREDERICK MAXWELL .. .. .}	{Carnaby Chambers, Carnaby Street, W.
t ✚	1900 Feb. 6.	HIBBINS, WILLIAM GEORGE ..	339 Crookes Moor Road, Sheffield.
	1890 Dec. 2.	HICK, GEORGE WILLIAM .. ..	24 Chepstow Place, W.
	1904 Jan. 12.	*HICKMAN, DEVERELL .. ..	20 Allyn Park, West Dulwich, S.E.
	1896 Dec. 1.	*HICKSON, GEORGE FORSTER ..	P.W.D., Perth, Western Australia.
	1889 Dec. 3.	{HIGGINS, THOMAS WAGHORN ELFORD .. .. .}	25 Finborough Road, Fulham Road, S.W.
	1896 Dec. 1.	HIGGINS, FRANCIS BOVILL ..	{Bacares Iron Ore Mines, Séron, Almeria, Spain.
	1890 Feb. 4.	*HIGHT, DAVID JOHN .. ..	Kwala Lumpur, Selangor, S.S
	1884 Dec. 2.	*HIGHT, ROBERT SWAN .. ..	East Indian Ry., Calcutta. [wich.
	1883 May 1.	*HIGHT, ARTHUR EDWARD ..	Whitlingham House, Thorpe, Nor-
	1902 Apr. 8.	*HILDAGE, HENRY THOMAS ..	
	1891 Mar. 3.	*HILDRED, EDWARD THOMAS ..	1 High Street, Gosport.
	1889 May 7.	HILL, ALEXANDER .. .. .	Merrylee, Northwood, Middlesex.
	1894 Dec. 4.	*HILL, ALFRED .. .. .	George Law, Kidderminster. [E.
W C m ✚	1888 May 15.	*HILL, ALFRED JOHN .. ..	North Dene, Higham Rd., Woodford,
	1884 Jan. 8.	*HILL, ARTHUR, C.I.E., F.C.H.	King, King & Co., Bombay.
	1899 Apr. 11.	*HILL, CHARLES HAROLD ..	Madras Ry., Siruvallur, Madras.
	1893 May 2.	HILL, CLAUDE WILLIAM ..	{Broad Street House, E.C. (Hillocking, London. Central 3503)
	1901 Jan. 8.	*HILL, DAVID GAY .. .. .	{N.E. Ry., Engineers' Office, New- castle-on-Tyne.
	1873 Apr. 1.	HILL, JAMES WOODWARD ..	{City Engineer's Office, Bloemfontein, Orange River Colony.
	1892 Dec. 6.	*HILL, JOSEPH BALL .. ..	Town Hall, Calcutta.
	1874 Apr. 14.	HILL, LESLIE CRASWELLER ..	{Hastings Exploration Syndicate, Nelson, British Columbia.
	1886 May 18.	HILL, WILLIAM .. .. .	Waterworks, Belfast. [Birmingham.
	1887 May 3.	HILL, WILLIAM .. .. .	40 Wellington Road, Edgbaston,
	1880 May 25.	HILL, WOODMAN .. .. .	5 Victoria Street, S.W. [E.
	1885 Feb. 3.	HILLS, ARNOLD FRANK .. ..	Thames Ironworks, Canning Town,
	1895 Dec. 3.	*HILLS, HARRY JAMES .. ..	Town Hall, Bermondsey, S.E.
t ✚	1901 Feb. 5.	{*HINCKS, HAROLD THORN- THWAITE .. .. .}	{Mysore Gold Mining Co., Marikup- pam, Mysore State, India.
	1893 Feb. 7.	*HINDE, WILLIAM HENN .. ..	2 Lower Merrion Street, Dublin.
	1897 Jan. 12.	*HINDLE, ARTHUR .. .. .	{44 Abingdon Street, Blackpool. (159.)
	1900 Dec. 4.	{*HINDLEY, CLEMENT DANIEL MAGGS, M.A. ( <i>Cantab.</i> ) ..}	c.o. H. S. King & Co., Pall Mall, S.W.
	1903 Jan. 13.	{*HINDLEY, OLIVER WALTER, B.A. ( <i>Cantab.</i> ) .. .. .}	King, King & Co., Bombay.
	1902 Apr. 8.	HINDMARSH, RALPH FREDERICK	Tyne Pier Works, South Shields.
✚	1895 Dec. 3.	HINTON, REGINALD JAMES ..	{St. John del Rey Mining Co., Morro Velho, Brazil.

	Date of Election.		ASSOCIATE MEMBERS.	
	1896 Dec. 1.	HIRST, RICHARD PILLING ..	Boro' Engineer's Office, Southport.	
	1889 Jan. 8.	HISCOCKS, ALFRED MOSER ..	{ 65 Southchurch Road, Southend-on Sea.	
	1891 Dec. 1.	*HOBBS, CHARLES JAMES .. ..	Hydraulic Eng. Co., 9 Bridge Street,	
	1888 Dec. 4.	*HOBBS, GEORGE .. ..	Famagusta Harbour, Cyprus. [S.W.	
t ✚	1900 Feb. 6.	*HOBLE, GEORGE ALEXANDER ..	Cairn's Railway, Cairns, Queensland.	
	1894 Feb. 6.	*HOBLEY, CHARLES WILLIAM ..	Coton Road, Nuneaton.	
	1870 Dec. 6.	HOBSON, JOHN FAISHAW ..	Washington Ironworks, Durham.	
	1900 Dec. 4.	HOBSON, WALTER DALBY ..	Nantlle, Penygroes, N. Wales.	
	1878 Jan. 15.	HODGE, JOHN LAKEMAN ..	{ 21 Sea View Terrace, Lipson. Plymouth.	
	1892 Apr. 5.	HODGE, LEONARD PERCIVAL ..	P.W.D., Georgetown, British Guiana.	
	1890 Apr. 1.	*HODGKIN, PHILIP ELIOT ..	Cornerways, Maitland Road, Read-	
	1889 Dec. 3.	HODGKINSON, GEORGE ..	Surveyor, St. Anne's, Lanes. [ing.	
	1888 Dec. 4.	{ HODGKINSON-CARRINGTON, } ALFRED JAMES .. ..	{ 312 Dashwood House, New Broad Street, E.C.	
	1901 Apr. 2.	HODGSON, EDWARD .. ..	Town Hall, Sunderland.	
	1886 Dec. 7.	*HODGSON, JOHN SLACK .. ..	24 Bride Lane, Fleet Street, E.C.	
	1897 Apr. 6.	*HODSON, FREDERIC WALTER ..	G. & F. W. Hodson, Loughborough.	
	1894 Mar. 6.	*HOFFMANN, JOHN ISIDORE ..	Rand Club, Johannesburg, Transvaal.	
	1904 Jan. 12.	*HOGARTH, WILLIAM HUGH ..	G.I.P. Ry., Bombay.	
	1886 Feb. 2.	*HOGG, ALEXANDER JABEZ ..	{ Southern Mahratta Ry., Bangalore, India.	
	1892 Jan. 12.	*HOLDEN, ALFRED .. ..	Surveyor, Hindley, Wigan.	
	1898 Apr. 5.	{ HOLDEN, FRANCIS JOHN } GERALD, B.A. (Cantab.) ..	{ Electric Supply Co., Seamer Road. Scarborough.	
	1890 May 20.	HOLDEN, GEORGE HENRY ..	{ Hardman & Holden, Miles Platting, Manchester.	
	1891 Dec. 1.	HOLDEN, JAMES .. ..	Ash Cottage, Ely, Cardiff.	
	1893 Dec. 5.	HOLFORD, WILLIAM GEORGE ..	Box 2927, Johannesburg, Transvaal.	
m ✚	1888 Mar. 6.	*HOLLIDAY, JOHN .. ..	St. James's Gate Brewery, Dublin.	
	1904 Feb. 2.	*HOLLIDAY, JOHN .. ..	4 St. Thomas Road, Harlesden, N.W.	
	1897 Apr. 6.	{ *HOLLINGSWORTH, ARNOLD } HACKNEY .. ..	{ P.W.D., Hong Kong.	
	1897 Feb. 2.	{ HOLLINGSWORTH, HORACE } CHARLES .. ..	{ G.W.Ry., 150 Westbourne Terrace, W.	
	1900 Dec. 4.	{ *HOLLINGSWORTH, EDWARD } WILLIAM, M.A. (Cantab.) ..	{ 16 Ulundi Road, Blackheath, S.E.	
	1892 May 3.	HOLME, CLINTON JAMES WILSON ..	1 Crosshall Street, Liverpool.	
	1888 Dec. 4.	HOLMES, EDWARD .. ..	327 Fulwood Road, Sheffield.	
	1892 Mar. 1.	*HOLMES, GEORGE WILLIAM ..	Town Hall, Walthamstow, E.	
	1399 Jan. 10.	*HOLMES, JOHN LLEWELLYN ..	Port Trust, Rangoon, Burma.	
	1873 Dec. 2.	{ HOLMES à COURT, Hon. ARTHUR } WYNDHAM .. ..	{ c.o. Truslove & Hanson, 143 Oxford Street, W.	
	1897 Apr. 6.	{ *HOLMES à COURT, Hon. HENRY } WORSLEY .. ..	{ H. Lovatt, Contractor's Office, Broadway, Salford.	
	1875 Jan. 12.	HOLT, GEORGE HENRY .. ..	20 Richmond Terrace, Blackburn.	
	1883 Feb. 6.	{ *HOLT, PERCY WILLIAM } MONCKTON .. ..	{ 14 Burleigh Street, Auckland, N.Z.	
	1883 May 29.	HOLTUM, WILLIAM HENRY ..	County Council, Spring Gardens, S.W.	
	1890 May 20.	HOLTZAPFFEL, GEORGE WILLIAM ..	13 New Bond Street, W.	
	1896 Dec. 1.	*HOMAN, WILLIAM MACLEAN ..	Bethlehem, Orange River Colony.	
	1891 Dec. 1.	*HOMERSHAM, EDWIN COLLETT ..	{ 19 Broad Street Avenue, E.C. (London Wall 554.)	
	1884 Jan. 8.	HONEYSETT, ARTHUR .. ..	39 Victoria Street, S.W.	
	1900 Dec. 4.	*HOOD, DAVID WILSON .. ..	Trinity House, Tower Hill, E.C.	
	1884 Dec. 2.	HOOLEY, COSMO CHARLES ..	{ Crofts Bank House, Davyhulme, Manchester.	
	1886 Dec. 7.	HOOLEY, EDGAR PURNELL ..	County Surveyor, Nottingham.	
	1891 Dec. 1.	HOOPER, EDWARD .. ..	Salisbury House, London Wall, E.C.	

Date of  
Election.

## ASSOCIATE MEMBERS.

1901 Apr. 2.	*HOOPER, GEORGE ERNEST ..	Snowdon Rd., Bournemouth West.
1899 Feb. 7.	*HOOPER, PERCY NICHOLAS ..	{ 69 Poppleton Road, Leyton- stone, N.E.
1899 Apr. 11.	*HOPE, ALARIC .. .. .	Heath Heys, Woodchurch Rd., Bir-
1877 Dec. 4.	HOPKINSON, ALFRED .. ..	15 Agur Street, Bury. [kenhead.
1889 May 7.	*HOPKINSON, FREDERICK THOMAS	61 Hope Street, Liverpool.
1896 May 19.	HOPKINSON, WILLIAM HENRY	23 Devonshire St., Keighley.
1891 Dec. 1.	HOPWOOD, JOHN .. .. .	G. W. Ry., Mendoza, Argentina.
1902 Dec. 2.	*HORE, PERCY PHILIP .. ..	219 Mitcham Lane, Streatham, S.W.
1882 Apr. 4.	HORN, DAVID BAYNE, F.C.H.	King, Hamilton & Co., Calcutta.
1886 Apr. 6.	*HORN, TOM ALEXANDER .. ..	11 Gray St., Waterloo Rd., S.E.
1874 Dec. 1.	*HORN, WILLIAM EDWARD ..	5 Tierney Road, Streatham Hill, S.W.
1889 Dec. 3.	HORNER, WALTER .. .. .	2 Vancouver Road, Catford, S.E.
1900 Jan. 9.	{ HORSBURGH, ELLICE MARTIN, } M.A., B.Sc. (Edin.) .. ..	11 Granville Terrace, Edinburgh.
1904 Jan. 12.	HORSBURGH, HARRY .. ..	76 Manor Road, Brockley, S.E.
1902 Dec. 2.	HORTON, JOHN WILLIAM ..	County Surveyor's Office, Hatfield.
1903 Feb. 3.	*HORWOOD, CUTHBERT BARING	Box 1030, Johannesburg, Transvaal.
1894 Dec. 4.	{ *HORWOOD, JOEL HENRY, } M.C.E. (Melb.) .. .. .	{ Municipal Engineer, Lahore, Punjab.
1899 Dec. 5.	HOSGOOD, WALTER JAMES ..	Station House, Port Talbot.
1895 Mar. 5.	*HOSKEN, ARTHUR FAYRER ..	Nizam's Rys., Secunderabad, Deccan.
1897 Apr. 6.	HOSKEN, RICHARD .. .. .	Box 667, Johannesburg, Transvaal.
1883 May 1.	HOSKINGS, ARTHUR BERRIMAN	7 Northbrook Road, Lee, S.E.
1894 Jan. 9.	HOUGHTON, SIDNEY ALEXANDER	{ Board of Trade Consultative Dept., 54 Victoria Street, S.W.
1904 Jan. 12.	*HOUNSFIELD, FRANCIS CECIL ..	168 Erlanger Road, S.E.
1904 Jan. 12.	*HOUNSFIELD, LESLIE HAYWOOD	Oxhey Hall, Watford, Herts.
1894 May 22.	*HOVIL, FRANK .. .. .	{ Cuban Central Railways, Sagua la Grandé, Cuba.
1897 Jan. 12.	HOWARD, ALBERT HARRIS ..	{ 2 Queen Anne's Gate, Westminster, S.W. (Westminster 191.)
1901 Jan. 8.	*HOWARD, FRANCIS ELIOT ..	99 Queen Victoria Street, E.C.
m ✚ 1886 Dec. 7.	*HOWARD, FRANK GEERE ..	7 Ellerdale Road, Hampstead, N.W.
1894 Dec. 4.	HOWARD, FREDERICK WILLIAM	Boro' Engineer's Office, Reading.
1886 May 18.	HOWARD, JOHN GEORGE .. ..	Box 550, Johannesburg, Transvaal.
1883 Dec. 4.	HOWARD-SMITH, WILLIAM ..	20 Victoria Street, S.W.
1891 Feb. 3.	*HOWARTH, FRANK .. .. .	Water Engineer, Plymouth.
1889 Mar. 5.	HOWATSON, ANDREW .. ..	{ 88 Avenue de Neuilly, Neuilly, Paris
1902 Apr. 8.	HOWDLE, BENJAMIN .. ..	98 Littledale Rd., Seacombe, Cheshire.
1896 Dec. 1.	{ HOWELL, HEBER WILLIAM } HENRY .. .. .	King, Hamilton & Co., Calcutta.
1883 May 29.	HOWELL, SAMUEL EARNSHAW ..	{ The Brook Steel Works, Sheffield. (Howell, Sheffield.)
✚ 1897 Feb. 2.	*HOWLEY, RICHARD JOSEPH ..	{ British Electric Traction Co., 1 Adelphi Terrace, W.C.
1891 Dec. 1.	*HOWLEY, WILLIAM JOHN ..	P.W.D., Bezwada, Kistna, Madras.
1897 Apr. 6.	HOWSIN, CECIL GASCOYNE ..	{ B.B. & C.I. Ry., Loco. Supt.'s Office, Bombay.
1898 Dec. 6.	HUBBACK, THEODORE RATHBONE	{ Seremban, Negri Sembilan, Singa- pore, S.S.
1892 Mar. 1.	*HUDDART, JOHN .. .. .	{ Victoria Road, Buckhurst Hill, Essex.
1882 Dec. 5.	*HUDLESTON, ANDREW JOHN ..	S. M. Ry., Dharwar, Bombay.
1897 Apr. 6.	HUDSON, ALFRED .. .. .	Raise View, Grasmere, Westmorland.
1879 May 27.	HUDSON, JAMES CADOUX ..	75 Upp. Ground St., Blackfriars, S.E.
1899 Apr. 11.	*HUDSON, WALTER .. .. .	{ George Findlay & Co., Cape Town. C.C.
1892 Dec. 6.	*HUGHES, EDWARD MORGAN ..	{ 8 Fairholme Road, Great Crosby, Liverpool.



Date of Election.	ASSOCIATE MEMBERS.	
1904 Apr. 12.	{ HUGHES, FRANCIS EDWARD HAROLD .. .. . }	87 Adelaide Road, Brockley, S.E.
1900 Dec. 4.	{ HUGHES, FREDERIC SELBY, B.Sc. ( <i>Victoria</i> ) .. .. . }	Bengal-Nagpur Ry., Calcutta.
1891 Feb. 3.	HUGHES, HERBERT WILLIAM ..	24 Wolverhampton Street, Dudley.
1890 Feb. 4.	{ *HUGHES, WILLIAM GEORGE CRAWFORD .. .. . }	8 Gorst Road, Wandsworth Com- mon, S.W.
1878 May 28.	*HUGHES, WILLOUGHBY ROCHESTER	Harbour Works, Chin-Wang-tao, China.
1904 Jan. 12.	*HULL, GERALD EDWIN ..	Resident Engineer's Office, Benares, India. [Rugeley.
1896 May 5.	*HULL, HENRY ADIN .. ..	L. & N. W. Ry., Anson House,
1894 Dec. 4.	*HULL, PERCY WINSTANLEY ..	Pauling & Co., 26 Victoria Street, S.W.
1896 Feb. 4.	*HULME, EDWIN .. .. .	20 North John Street, Liverpool.
1892 Dec. 6.	HUMAN, EDWIN .. .. .	Technical College, Colombo, Ceylon.
1900 Apr. 3.	HUME, ALBERT STEWART ..	L. & Y. Ry., Lower Newlands, Brighouse, Yorks.
1879 Apr. 1.	HUME, EDWARD NATHANIEL ..	Warwick Lodge, Stonebridge Park, Harlesden, N.W.
1876 Dec. 5.	HUME, WASHINGTON .. ..	11 Ironmonger Lane, E.C. (Bank 272).
1898 Dec. 6.	*HUMMEL, FRANK HARVEY ..	Mason College, Birmingham.
1894 Dec. 4.	*HUMMEL, HORACE JAMES JORDAN	Homefield, Berlin Rd., Catford, S.E.
1902 Apr. 8.	*HUMPHREY, BARNARD .. ..	
1894 May 1.	*HUMPHREYS, HENRY HOWARD	28 Victoria Street, S.W.
1885 Feb. 3.	HUMPHRYS, NORTON HENRY ..	Gasworks, Salisbury.
1893 Feb. 7.	*HUNT, BERNARD .. .. .	Hunt & Sacré, 1 Victoria Street, S.W.
1892 Feb. 2.	*HUNT, EDWARD .. .. .	Algeceiras Railway, Gibraltar.
1886 Mar. 2.	*HUNT, HENRY CHARLES TERRETT	1 Victoria Street, S.W.
1900 Apr. 3.	*HUNT, LOUIS JOHN .. ..	{ Sandycroft Foundry, Hawarden, Chester.
1895 Dec. 3.	*HUNTER, ADAM .. .. .	32 Victoria Street, S.W.
1883 Dec. 4.	HUNTER, ASHLEY JOHN .. ..	Shortland Street, Auckland, N.Z.
1904 Jan. 12.	{ HUNTER, CAMPBELL MURRAY, B.A. ( <i>Cantab.</i> ) .. .. . }	1 Leadenhall Street, E.C.
1899 Dec. 5.	HUNTER, GEORGE LEWIS ..	Guildhall, Newcastle-on-Tyne.
m ✱ 1888 Feb. 7.	*HUNTER, GILBERT MACINTYRE	4 Marian Terrace, Selkirk, N.B.
1879 Feb. 4.	*HUNTER, JOHN .. .. .	Quarry Bank, Belper.
1889 Feb. 5.	*HUNTER, MAURICE .. ..	Bridge Street, Belper.
1897 Apr. 6.	HUNTER, WALTER JAMES ..	{ Grand Junction Waterworks, Kew- Bridge, W. [castle-on-Tyne.
✱ 1895 Dec. 3.	HUNTER, WILLIAM GALLON ..	55 Northumberland Street, New-
✱ 1901 Apr. 23.	{ *HURLEY, FREDERICK ARTHUR, F.C.H. .. .. . }	Public Works Ministry, Cairo.
1897 Dec. 7.	HURSE, ALFRED EDWARD ..	1 Cobham Terrace, Greenhithe.
1903 Apr. 7.	HURST, BERTRAM LAWRENCE ..	{ Assistant Civil Engineer, H.M. Dockyard, Portsmouth.
1902 Dec. 2.	*HURST, GEORGE FREDERICK ..	16 Park Road, Coalville, Leicester.
1898 Dec. 6.	HUSBAND, JAMES .. .. .	{ Victoria Lodge, High Road, Chis- wick, W.
W t ✱ 1897 Mar. 2.	HUSBAND, JOSEPH .. .. .	98 Mona Rd., Spring Vale, Sheffield.
1900 Apr. 3.	HUSTON, WILLIAM EDWARD ..	{ Fairman Place, Academy Road, Londonderry.
1889 Apr. 2.	HUTCHINGS, CHARLES ARTHUR	40 Mattock Lane, Ealing, W.
1898 Apr. 5.	*HUTCHINSON, HENRY WESTERN	Wingfield, Stoke, Devonport.
1895 Dec. 3.	*HUTCHINSON, WILLIAM HAINES	Dunwood, Endon, Stoke-on-Trent.
1894 Jan. 9.	{ *HUTCHISON, GEORGE LEAN, B.Sc. ( <i>Glas.</i> ) .. .. . }	5 University Avenue, Glasgow.
1902 Apr. 8.	*HUTCHISON, WILLIAM .. ..	{ Canadian Pacific Ry., Fort William, Ont., Canada.
1886 Dec. 7.	*HUTTON, CHARLES HERBERT ..	King, King & Co., Bombay.

Date of Election.		ASSOCIATE MEMBERS.	
1879	May 6.	HUTTON, THEODORE BENT ..	4 Sketty Road, Swansea
1887	Apr. 5.	*HUTTON, WALTER HERBERT ..	{ 3, St. Andrew's Road, West Ken- sington, W.
1895	Dec. 3.	*HUTTON, WILLIAM .. ..	Burnpark, Uddingston, Glasgow.
1902	Dec. 2.	HYDE, GEORGE .. ..	{ Parkholme, Prescott Road, St. Helens, Lancs.
1895	Dec. 3.	HYSLOP, JOHN .. ..	27 Walton Well Road, Oxford.
1876	Mar. 7.	PANSON, WILLIAM .. ..	Bardencroft, Saltburn-by-the-Sea.
1888	Dec. 4.	*IKIN, ARTHUR JOHN .. ..	{ 405 11th Street, Sacramento, Cali- fornia, U.S.
1895	May 21.	*INGHAM, WILLIAM .. ..	Town Hall, Port Elizabeth, C.C.
m	1901 Feb. 5.	{ *INGLIS, CHARLES EDWARD, B.A. ( <i>Cantab.</i> ) .. ..	Maitland House, Cambridge.
1901	Apr. 2.	*INGLIS, JOHN, B.Sc. ( <i>Edin.</i> ) ..	122 George Street, Edinburgh.
✠	1881 Feb. 1.	*INGLIS, WILLIAM .. ..	Rosedale, Airdrie, N.B.
1900	Dec. 4.	{ INGOLDBY, THOMAS EDWARD, B.A. ( <i>Cantab.</i> ) .. ..	Glengariff, Coleraine Road, West- combe Park, S.E. [Colony.
1901	Apr. 2.	INMAN, CECIL DAUBENY .. ..	Harbour Works, Table Bay, Cape
1892	May 3.	IRNSIDE, WILLIAM DALTON ..	3 Golden Square, Aberdeen.
✠	1899 Jan. 10.	IRVINE, FEARNSIDE .. ..	3 Nutley Terrace, Hampstead, N.W.
1902	Apr. 8.	IRVINE, JOHN .. ..	{ Cheshire Lines, Central Station, Liverpool.
1896	May 5.	IRVING, DANIEL .. ..	Gas Co., Stapleton, Bristol.
1901	Apr. 23.	{ IRWIN, ARTHUR JOHN, B.A.I. ( <i>Dubl.</i> ) .. ..	Rathmoyle, Castlereagh, Ireland.
1880	Mar. 2.	*ITTER, ARTHUR WERNER ..	{ Waverley House, Waverley Grove, Hendon, N.W.
1887	Apr. 5.	*IVE, ERNEST .. ..	The Hermitage, Mead Vale, Redhill.
1880	Dec. 7.	IVENS, THOMAS EDWARD ..	{ c/o F. H. Ashhurst, 23 Montpellier Road, Ealing, W.
1892	Dec. 6.	*IVES, HARRY WILLIAM MACLEAN	Sirhind Canal, Ludhiana, Punjab.
1895	Feb. 5.	IVOR-MOORE, THOMAS .. ..	R.E. Office, York.
1875	Dec. 7.	IZARD, WALTER GEORGE ..	10 The Paragon, Blackheath, S.E.
1887	Dec. 6.	*JACK, ARTHUR JOSEPH .. ..	The Crouch, Seaford, Sussex.
1885	May 19.	*JACKAMAN, CHARLES JAMES ..	Highfield, Bath Road, Slough.
1888	Apr. 10.	JACKS, THOMAS WILLIAM MOSELEY	{ 7 Clarence Drive, Kelvinside, Glasgow.
1900	Apr. 3.	*JACKSON, ALFRED ERNEST	City Engineer's Office, Manchester.
t ✠	1899 Dec. 5.	{ *JACKSON, CLEMENTS FREDERICK VIVIAN, B.E. ( <i>Sydney</i> ) ..	Geological Survey Office, Perth, Western Australia.
1883	May 29.	JACKSON, EDWARD JAMES ..	Kinburn West, St. Andrews, N.B.
✠	1891 Dec. 1.	*JACKSON, GEORGE FREDERICK	N. E. Ry., Newcastle-on-Tyne.
1900	Dec. 4.	*JACKSON, HARRY .. ..	36 Chalsey Road, Brockley, S.E.
1887	Apr. 5.	*JACKSON, HUGH ROWLAND ..	The Hall Cross, Doncaster.
1892	Apr. 5.	JACKSON, JAMES EDWARD ..	Killaglinle, Roscahill, co. Galway.
1899	Apr. 11.	{ JACKSON, JAMES THOMAS, M.A., M.A.I. ( <i>Dubl.</i> ) ..	13 Kimmage Road, Harold's Cross, Dublin. [mingham.
1895	Jan. 8.	JACKSON, ROBERT CATTLEY ..	King's Court, Colmore Row, Bir-
1890	Dec. 2.	JACOB, ALBERT FRANCIS ..	Waterworks, Prospect, N.S.W.
1879	Feb. 4.	*JACOB, EDWARD FOUNTAINE, C.I.E.	N. W. Ry., Lahore, Punjab.
1872	Dec. 3.	JACOB, EDWARD WESTLEY ..	39 Great George Street, Harrogate.
1891	May 5.	JACOBS, PAUL GEORGE .. ..	c/o H. S. King & Co., Pall Mall, S.W.
1887	Jan. 11.	*JACOMB, WILLIAM WYKEHAM ..	72 Dyke Road, Brighton.
1902	Dec. 2.	{ *JACOMB - HOOD, MALCOLM SUTHERLAND .. ..	9 Bridge Street, Westminster, S.W.

	Date of Election.	ASSOCIATE MEMBERS.	
	1897 Feb. 2.	*JACQUES, HAROLD SISSON ..	29 Montpellier Terrace, Cheltenham.
	1892 Jan. 12.	*JACQUES, HERBERT INNES ..	14 Randall Road, Clifton, Bristol.
	1890 Jan. 14.	JACQUES, JAMES ROUTLEDGE ..	Woodbank, Whitehaven.
	1878 Jan. 15.	JACQUES, RICHARD .. .. .	Loco. Supt., Caldera, Chile.
	1902 Jan. 14.	*JAFFE, DANIEL .. .. .	P.W.D., Hong Kong.
	1893 Dec. 5.	*JAMES, ARTHUR CHARLES ..	District Council, Grays, Essex.
	1889 Jan. 8.	*JAMES, REGINALD WILLIAM ..	{ St. Mildreds, Cambridge Road, Bromley, Kent.
	1900 Apr. 3.	{ *JAMES, WILLIAM HENRY, B.Sc. (Wales) .. .. . }	College of Engineering, Chepak Palace, Madras.
f m †	1901 Jan. 8.	{ *JAMESON, ALEXANDER HOPE, M.Sc. (Victoria) .. .. . }	Derwent Valley Water Board, Bamford, Sheffield.
	1880 Feb. 3.	*JAMESON, GEORGE .. .. .	Bow Street Distillery, Dublin.
	1892 Feb. 2.	*JAMESON, HENRY BENTLEY ..	P.W.D., Maritzburg, Natal.
	1895 Dec. 3.	*JAMESON, FREDERICK ALEXANDER	Imperial Rys., Tongshan, China.
	1901 Dec. 3.	*JAMESON, WILLIAM .. .. .	46 Devonshire Road, Liverpool.
	1904 Feb. 2.	*JANSSEN, EDWARD CLINTON ..	Municipal Council, Shanghai, China.
	1895 May 21.	{ *JANSON, EDMUND WILLIAM, M.A. (Cantab.) .. .. . }	23 St. Swithin's Lane, E.C.
	1895 Dec. 3.	JAPP, HENRY .. .. .	{ Surrey Commercial Docks, Rother- hithe, S.E.
	1881 Jan. 11.	JARVIS, GEORGE EDWARD ..	Tembuland, Umtata, C.C.
	1888 Dec. 4.	*JASPER, NICHOLAS PAUL ..	13 Charles Street, St. James's, S.W.
	1887 Dec. 6.	JEEJEEBHOY, PIROSHAW BOMANJEE	17 Church Street, Bombay.
	1898 Apr. 5.	{ *JEFFARES, JOHN LETT SEALEY, B.Sc. (Edin.) .. .. . }	Government Railways, Komgha, Cape Colony.
	1889 Feb. 5.	JEFFERISS, THOMAS .. .. .	Cornwall Works, Soho, Birmingham.
	1881 Dec. 6.	*JEFFREYS, EDWARD HOMER ..	Hawkhills, Chapel Allerton, Leeds.
	1893 Jan. 10.	JEKEN, JOHN LLEWELLYN ..	H.M. Dockyard Extension, Gibraltar.
	1894 Mar. 6.	JEME, TIEN YOW, Ph.B. (Yale)	Imperial Railways, Tientsin, China.
M W t †	1391 Feb. 3.	{ *JENKIN, CHARLES FREWEN, B.A. (Cantab.) .. .. . }	Nearcross, Stafford.
	1895 Mar. 5.	JENKIN, CHARLES JAMES ..	Urban District Council, Finchley, N.
	1895 Apr. 2.	*JENKIN, WILLIAM ALFRED ..	Dean Terrace, Liskeard.
	1894 May 22.	*JENKINS, ALFRED JOHN ..	{ New Waterworks Co., 27 Broad Street, Jersey.
	1895 May 21.	*JENKINS, CHARLES WILLIAM ..	Bonnie Doon, Tamworth, N.S.W.
	1890 Feb. 4.	*JENKINS, DAVID MORGAN ..	Borough Surveyor, Neath.
	1878 Feb. 5.	JENKINS, GEORGE GORDON ..	16 Bridge Street, Aberdeen.
	1891 Apr. 7.	JENKINS, HENRY CHARLES ..	5 Deerbrook Road, Herne Hill, S.E.
	1888 Dec. 4.	JENKINS, WILLIAM JOHN ..	Beehive Works, Retford, Notts
	1902 Apr. 8.	JERRAM, GEORGE .. .. .	19 Merton Road, Walthamstow, E.
	1876 Mar. 7.	JERVIS, ALEXANDER .. .. .	23 Claremont Crescent, Edinburgh.
	1877 Dec. 4.	*JESSOP, GEORGE .. .. .	{ London Steam Crane & Engine Works, Leicester. (Jessop, Leicester. 73.)
	1897 Apr. 6.	JEVONS, JOHN HENRY .. ..	Boro' Surveyor, Hertford.
	1900 Apr. 3.	{ JEX-BLAKE, THOMAS BOWEN, M.A. (Oxon.) .. .. . }	Engineer's Office, E.I. Ry., Calcutta.
	1889 Dec. 3.	JICKELL, SAMUEL .. .. .	Boro' Engineer, Petone, New Zealand.
	1885 Feb. 3.	*JOBING, EDWARD FISHER ..	{ 2 Spencer Road, Wandsworth Common, S.W.
m †	1877 Feb. 6.	*JOEL, HENRY FRANCIS .. ..	74 Windsor Road, Forest Gate, E.
	1896 Dec. 1.	*JOHNS, PERCY .. .. .	Guildhall, Maidenhead.
†	1885 Mar. 3.	*JOHNS, WILLIAM ARTHUR ..	Altan, Carrickfergus, Ireland.
	1894 Dec. 4.	JOHNSON, ALGERNON EDWARD	Egerton Street, Wrexham.
	1892 Mar. 1.	*JOHNSON, CHARLES THOMPSON	Boro' Engineer, Thornaby-on-Tees
	1879 May 6.	*JOHNSON, FREDERICK WILLIAM	Maybank, Staplehurst, Kent.
	1891 Jan. 13.	JOHNSON, HENRY CLEWLY ..	{ Midland Ry., Engineer's Office, Ambergate.
	1901 Mar. 5.	JOHNSON, JAMES HEALEY ..	Witham Office, Boston, Lincs.
	1898 Apr. 5.	*JOHNSON, PHILIP HEBER ..	Engineers' Office, Midland Ry., Derby.



Date of  
Election.

## ASSOCIATE MEMBERS.

1903 Jan. 13.	*JOHNSTON, CHARLES .. ..	{ P.W.D., Begari Canals, Jacobabad, Sind.
1898 Dec. 6.	{ *JOHNSTONE, ARTHUR HENRY, B.A.I. ( <i>Dubl.</i> ) .. .. }	{ Mogulserai Gya Ry., Dehri Bridge, Bengal.
1883 Feb. 6.	JOHNSTONE, Hon. CECIL .. ..	Hackness Hall, Scarborough.
1900 Dec. 4.	JOHNSTONE, RONALD HENRY .. ..	190 West George Street, Glasgow.
1876 May 2.	{ JONES, ALFRED STOWELL, <i>U.C.</i> <i>Lt.-Col. ret.</i> .. .. }	{ Ridge Cottage, Finchampstead, Berks. [Leyton.
1886 Mar. 2.	JONES, CHARLES EDWIN .. ..	9 Manor Terrace, Lea Bridge Road,
1877 Mar. 6.	JONES, CHARLES WILLIAM .. ..	Gasworks, Via dei Cerchi, Rome.
1888 Apr. 10.	*JONES, CYRIL EDWARD ARENGO	Cilymaenllwyd, Llanelly.
1884 May 6.	JONES, EDWARD DUKINFIELD ..	{ 11 Bertram Road, Sefton Park, Liverpool.
1894 Jan. 9.	{ JONES, ELIAS CHRISTOPHER, B.Sc. ( <i>Lond.</i> ) .. .. }	{ 5 Rugby Road, Neath.
1891 Dec. 1.	*JONES, EVAN DAVIES .. ..	6 Addison Road, Kensington, W.
1903 Jan. 13.	{ *JONES, EVELYN LLEWELLYN HUSTLER .. .. }	{ 25 Bernard St., Russell Square, W.C.
1901 Dec. 3.	JONES, FRANK WILLIAM .. ..	Fernleigh, Green Hill, Derby.
1902 Feb. 4.	*JONES, FREDERICK JAMES .. ..	Railways, Wellington, N.Z.
1881 Feb. 1.	*JONES, GEORGE ARTHUR .. ..	{ c. o. A. L. Foster, 20 Copthall Avenue, E.C.
1886 Mar. 2.	JONES, HAROLD .. ..	45 Gwendwr Road, W.
1904 Apr. 12.	JONES, HENRY LANGLEY .. ..	{ 64 Aberdare Gardens, South Hampstead, N.W.
1887 May 3.	JONES, JOHN CHARLES DWAFYDD	{ Eastern Extension Telegraph Co., Singapore, S.S.
1887 Dec. 6.	*JONES, JOHN EDWARD .. ..	Eastcliffe, Exton, Topsham.
1875 Feb. 2.	*JONES, JOHN HUNTER .. ..	15 First Avenue, Brighton.
1891 Dec. 1.	JONES, MONTAGUE RHYS .. ..	70 Bishopgate Street, E.C.
1876 Dec. 5.	*JONES, OWEN .. ..	{ Blackale Range Road, Beeswah, Queensland.
1890 Mar. 4.	*JONES, PATRICK NICHOLAS HILL	P.W.D., Hong Kong.
1901 Dec. 3.	*JONES, SAMUEL CAREY .. ..	6 Cwmdonkin Terrace, Swansea.
1896 Apr. 14.	{ *JONES, THOMAS GILBERT, B.Sc. ( <i>Victoria</i> ) .. .. }	{ Municipal Technical College, Swansea.
1876 Feb. 1.	*JONES, WALTER ROBERTS .. ..	{ 80 Wanstead Park Avenue, Manor Park, E.
1891 Apr. 7.	*JONES, WILLIAM .. ..	{ Trefgarnedd, Meirion Gardens, Colwyn Bay, N. Wales.
1884 Dec. 2.	JONGH, JOHN ISIDOR DE .. ..	San José, Costa Rica.
1852 Dec. 7.	JOPLING, JOSEPH .. ..	592 Church Street, Toronto, Canada.
1891 Dec. 1.	JOPP, WILLIAM .. ..	{ East India United Service Club, 16 St. James's Square, S.W.
1899 Dec. 5.	*JOSELIN, EDWARD LIVINGSTONE	{ 178 Charles Road, Small Heath, Birmingham.
1884 May 6.	JOSEPH, ALLAN FERGUSON .. ..	Cairo. [N.S.W.
1879 Feb. 4.	*JOSEPHSON, JOSHUA PERCY .. ..	George St., Marrickville, Sydney,
1891 May 5.	*JOY, HENRY GOLDING .. ..	{ c.o. H. Master, 18 Theobalds Road, W.C.
1896 Mar. 3.	*JUDD, CHARLES RICHARD .. ..	King, King & Co., Bombay.
1880 Feb. 3.	{ JULIAN, ROBERT HILL, B.E. ( <i>Queen's</i> ) .. .. }	{ Prospect Villa, Branton, N. Devon.
1904 Apr. 12.	JUPP, JOHN FRANCIS .. ..	{ Parliament Mansions, Victoria Street, S.W.
1884 May 6.	KAPTEYN, ALBERTUS PHILIPPUS	{ Westinghouse Brake Co., York Rd., N. (Westinghouse, London. King's Cross 620.)
1894 Dec. 4.	KATRAK, NAVROJI HORMASJI	229 Borah Bazar St., Fort Bombay.

Date of Election.	ASSOCIATE MEMBERS.	
1900 Dec. 4.	KATZENSTEIN, ERNEST .. ..	Obras de Saneamiento del Puerto, Cerrolargo 96F, Montevideo, Uruguay.
✠ 1898 Mar. 1.	KAY, STANLEY ROBERT .. ..	1 Albion Place, Leeds.
1898 Dec. 6.	KAY, WALTER ROBERT .. ..	G. and W. R. Kay, Athol Street, Douglas, Isle of Man.
1903 Jan. 13.	*KEAY, WILLIAM GREGORY .. ..	21 Delahay St., Westminster, S.W.
1893 Mar. 7.	*KEELING, HUGH TROWBRIDGE	c.o. H. S. King & Co., 65 Cornhill, E.C.
m ✠ 1899 Dec. 5.	*KEIGWIN, ARCHER DAVE .. ..	Hodbarrow Mines, Millom, Cumberland.
1887 Mar. 1.	KEIR, FRANCIS LINDSAY .. ..	Ry. Dept., Brisbane, Queensland.
1904 Jan. 12.	KEITH, DAVID ALEXANDER .. ..	21 Northumberland Avenue, W.C.
1888 Dec. 4.	KEITH, JAMES .. .. .	27 Farringdon Avenue, E.C. (James Keith, London. Holborn 620.)
1898 Mar. 1.	KEKEWICH, GEORGE ORMOND	Whitelands, St. George's Road, St. Margaret's, S.W.
1893 Jan. 10.	*KELLETT, HARRY .. .. .	53 Victoria Street, S.W.
1901 Apr. 23.	*KELLY, ARTHUR CLIFTON .. ..	British Westinghouse Electric Co., Norfolk Street, Strand, W.C.
1904 Apr. 19.	KELLY, JAMES .. .. .	Rossall Road, Thornton, Poulton-le-Fylde.
1882 Mar. 7.	KEMBLE, FREDERICK .. ..	24 Church St., Kingston, Jamaica.
1894 Feb. 6.	KEMP, JOHN .. .. .	City Engineer, Brisbane, Queens-
1889 Feb. 5.	KEMP, WILLIAM EDMUND .. ..	D.P.W., Sydney, N.S.W. [land.
1881 May 31.	KEMPSON, CHARLES .. .. .	Corporation Buildings, Leicester.
1890 Dec. 2.	*KEMPSON, CHARLES ALDWIN ..	Dockyard, Liverpool.
1896 Jan. 14.	*KEMP-WELCH, JOHN .. ..	Holmwood, The Crescent, Barnes.
1890 Dec. 2.	KENDALL, ROBERT .. .. .	Existing Lines Dept., Sydney, N.S.W.
1878 Feb. 5.	*KENDALL, WILLIAM BARROW ..	184 Park Avenue, Hull.
1899 Dec. 5.	*KENNEDY, ROBERT SINCLAIR ..	41 Marquess Road, Canonbury, N.
1895 Dec. 3.	KENNEDY, THOMAS .. .. .	Ry. Construction Dept., Sydney, N.S.W.
✠ 1892 Dec. 6.	KENNY, WILLIAM EYRE .. ..	P.W.D., Kuala Lumpur, Malay States.
1888 Feb. 7.	KENT, JOHN BROADHURST .. ..	Commercial Gas Co., Poplar, E.
1898 Dec. 6.	*KENT, ROBERT JACKSON .. ..	King, King & Co., Bombay.
1876 Mar. 7.	KENWORTHY, EDWIN .. .. .	18 Holly Road, Handsworth, Staffs.
1900 Dec. 4.	*KENYON, FRANCIS EDWARD ..	Gillingham Hall, Beccles.
1902 Jan. 14.	{ KER, ANDREW MARTIN, B.Sc. (Victoria) .. .. }	Boro' Surveyor's Office, Warrington.
1896 Feb. 4.	KER, ARTHUR WILLIAM .. ..	Patella Works, Paisley, N.B.
1899 Dec. 5.	{ KER, JOHN STUART, B.Sc. (Edin.) .. .. }	7 Lismore Street, Warwick Road, Carlisle.
1899 Dec. 5.	{ KERMODE, GEORGE, M.C.E. (Melb.) .. .. }	City Engineer, Hawthorn, Victoria.
1893 Dec. 5.	KERR, JOSEPH MALCOLM .. ..	{ Gokak Falls, Belgaum District, India.
1887 May 3.	*KERSHAW, FREDERICK WHITE	{ 3 Conyers Avenue, Birkdale, Southport.
1903 Feb. 3.	{ KHAREGAT MARCUS MERWAN, RUTTONJEE .. .. }	P. W. D., Ootacamund, Madras.
1876 Feb. 1.	KIDD, THOMAS .. .. .	104 Balham Park Road, S.W.
1893 Feb. 7.	KIDD, THOMAS .. .. .	Swadlincote, Burton-on-Trent.
1900 Apr. 3.	{ *KIESER, WILLIAM HENRY, GUSTAV .. .. }	City Engineer's Office, Bristol.
1889 Feb. 5.	KIKKAWA, SANJIRO .. .. .	{ 4 Bambamachi, Honjoku, Tokio, Japan.
1897 Dec. 7.	KILGOUR, MARTIN HAMILTON ..	Municipal Offices, Cheltenham.
1893 Jan. 10.	*KILLON, HARRY BIRCH .. ..	Heaton Moor, near Stockport.
1892 Jan. 12.	*KINDERSLEY, ARTHUR EDWARD	Anuradhapura, Ceylon.
1894 Dec. 4.	*KING, CHRISTOPHER WATKINS	{ Harbours & Rivers Branch, D.P.W. Newcastle, N.S.W.

Date of  
Election.

## ASSOCIATE MEMBERS.

1892 Dec. 6.	{ KING, FRANCIS ALEXANDER STUART .. .. . }	Arklow, Ireland.
1900 Jan. 9.	{ KING, ROBERT HENRY, B.A.I. ( <i>Dubl.</i> ) .. .. . }	Punchard, Lowther & Co., H.M. Dockyard Extension, Hong Kong.
1904 Apr. 19.	KING, ROBERT .. .. .	P.W.D., Newcastle, Natal.
1882 May 23.	*KINGDON, ZACHARY HARRIS ..	H.M. Dockyard, Sheerness.
1888 Jan. 10.	KINGSFORD, HERBERT .. ..	Casilla 120, Lima, Peru.
1890 May 20.	{ KINGSLEY, ARTHUR HENRY, B.A. ( <i>Cantab.</i> ) .. .. . }	Fanshaws, Hertford.
1896 Dec. 1.	KINGSTON, HENRIQUE AUGUSTO	Govt. Telegraphs, Rio de Janeiro.
1892 Dec. 6.	KIRBY, JAMES NOBLE .. ..	Eng.'s Office, Midland Ry., Derby.
1896 May 19.	{ KIRBY, JOHN FREDERICK CAMPBELL .. .. . }	Thos. Cook & Son, Bombay.
✠ 1894 Jan. 9.	KIRBY, OSCAR JOHN .. ..	Town Hall, Batley.
1877 May 29.	KIRK, THOMAS .. .. .	Town Hall, Ipswich, Queensland.
1888 Feb. 7.	KIRKALDY, JOHN .. .. .	101 Leadenhall Street, E.C.
t ✠ 1898 Dec. 6.	KIRKALDY, WILLIAM GEORGE	{ Testing Works, 99 Southwark St., S.E. (Hop Exchange 203.)
1901 Apr. 23.	{ KIRKLAND, JOHN, M.Sc. ( <i>Victoria</i> ) .. .. . }	Hawthorn Bank, Rocky Lane Monton, Manchester.
1898 Dec. 6.	{ *KIRKPATRICK, CYRIL REGINALD SUTTON .. .. . }	26 Sanderson Road, Newcastle-on- Tyne. [N.S.W.]
1895 Mar. 5.	KIRKPATRICK, THOMAS HENRY	Roads & Bridges Dept., Sydney,
1897 Jan. 12.	{ *KIRKWOOD, JAMES HOWIE, B.Sc. ( <i>Glas.</i> ) .. .. . }	Orme Bank, St. Andrew Street, Ayr, N.B.
1897 Apr. 6.	*KIRKWOOD, JOHN .. .. .	Admiralty Harbour Works, Dover.
1884 Apr. 1.	KIRSTEIN, HENRY CHARLES ..	Eliot Vale Cottage, Blackheath, S.E.
1904 Feb. 2.	*KITCHIN, ERIC WILFRED ..	The Priory, Watford, Herts.
m 1901 Apr. 2.	*KITCHIN, JOHN WILLIAM ..	{ Dock Engineer's Office, Cumberland Basin, Bristol.
1872 Jan. 9.	KITT, ALFRED .. .. .	Downsland, Crondall, Hants.
1873 Jan. 14.	KITT, BENJAMIN .. .. .	Sydney Lodge, Bathwick, Bath.
1894 Mar. 6.	*KLOPP, GEORGE ONNO HOMFELD	{ 200 High Holborn, W.C. (c.o. Kentobin, London).
1904 Apr. 12.	KNAPMAN, EDWARD .. ..	{ 3 Queen's Crescent, Haverstock Hill, N.W.
1891 Dec. 1.	KNIGHT, BERTRAND THORNTON	Ry. Dept., Pak D'joing, Siam.
1897 Jan. 12.	KNIGHT, CLAUD HOPE .. ..	Jaltipan, Vera Cruz, Mexico.
1904 Jan. 12.	{ *KNIGHT, JOHN ARTHUR, B.Sc. ( <i>Victoria</i> ) .. .. . }	Great Central Railway Contract, Wembley.
1900 Feb. 6.	KNIGHT, JOHN MACKENZIE ..	Bushwood, Wanstead, Essex.
1896 Jan. 14.	KNIGHTS, RICHARD .. .. .	Little Massingham, King's Lynn.
1888 May 1.	{ *KNOWLES, ARTHUR JAMES, B.A. ( <i>Cantab.</i> ) .. .. . }	27 Campden House Chambers, Campden Hill, W.
1890 Dec. 2.	KNOWLES, CHARLES EDWARD ..	Holmdale, Glossop, Manchester.
1895 Jan. 8.	KNOWLES, GEORGE WILLIAM ..	Raincliffe, Clevedon, Somerset.
1888 Feb. 7.	KNOWLES, ROBERT .. .. .	Ednaston Lodge, near Derby. [N.Z.]
1894 Dec. 4.	KOCH, AUGUST CHARLES .. ..	District Office, Ry. Dept., Wellington,
1904 Jan. 12.	KÖHRING, ALFRED WILLIAM ..	{ Engineer's Office, G. S. & W. Ry., Inchicore, Dublin.
1893 Dec. 5.	KOLLE, HAROLD WERNER ..	Egremont, Tulse Hill, S.W.
1901 Feb. 5.	KONDO, SENTARO .. .. .	Doboku Kantokusho, Tokio, Japan.
1882 Apr. 4.	*KORTRIGHT, LAWRENCE MOORE	Basseterre, St. Kitts, West Indies.
1898 Dec. 6.	KRAUS, JACOB .. .. .	Polytechnic School, Delft, Holland.
1901 Apr. 2.	*KÜHL, HARRIS JÜRGEN CARL ..	21 Delahay Street, Westminster, S.W.
1893 Dec. 5.	LABASTIDE, ALBERT FRANCIS DE	Port of Spain, Trinidad.
1887 Feb. 1.	*LABATT, JOHN BAGOT .. ..	{ Brougham Place, N. Adelaide, S Australia.



Date of Election.	ASSOCIATE MEMBERS.	
1896 Dec. 1.	LACEY, JOSEPH MELVILLE	{ Ex. Eng., P.W.D., Nidadavola, Godavery, India.
m 1883 May 29.	*LACEY, THOMAS STEPHEN	{ Gas Light & Coke Co., Bromley-by- Bow, E.
1891 Dec. 1.	LACHLAN, WILLIAM	{ E. F. Novo Hamburgo, Porto Alegre, Rio Grande do Sul, Brazil.
1894 May 22.	LACKLAND, JOHN JAMES	{ Water Engineer, St. Helens, Lanes.
1894 Dec. 4.	LACKLAND, WILLIAM SAMUEL	{ Holderness Drainage, Beverley, Yorks. [S.E.]
1896 Apr. 14.	*LADE, ALEXANDER	{ L.C.C. Works Dept., Belvedere Road,
1902 Apr. 22.	{ LAFFÈRE, RICHARD LAWSON, M.A.I. (Dublin)	{ 47 Marlborough Road, Donnybrook, Dublin.
1903 Mar. 3.	*LAGERWALL, FRANK GORDON	{ Aberdeen S. N. Co.'s Wharf, Limehouse, E.
1896 Dec. 1.	LAILEY, CHARLES NICHOLSON	{ 6 The Sanctuary, Westminster, S.W.
1901 Dec. 3.	*LAING, JOHN ROSS	{ 7 Denham Green Avenue, Leith.
1895 May 21.	*LAING, WILLIAM ARTHUR BAIRD	{ 13 George Street, Edinburgh.
1898 Apr. 5.	LAKE, VIVIAN DAVEY	{ S. Pearson & Son, Seaham Harbour, Durham.
1889 May 7.	{ *LAKE, WILLIAM GEORGE WOOLLCOMBE	{ Box 1970, Johannesburg, Transvaal.
1904 Mar. 1.	{ *LAMB, ERNEST HORACE, M.Sc. (Victoria)	{ 41 Alexandra Road, Bedford.
1893 Dec. 5.	LAMBERT, FITZGERALD GAGE	{ B. & N.W. Ry., Bhagalpur, India.
1882 Mar. 7.	*LAMBERT, GEORGE BUCHANAN	{ Madanapalle, Madras.
1895 Apr. 2.	*LAMBERT, JOSHUA	{ 712 High Road, Tottenham, N.
1889 Dec. 3.	*LANCASHIRE, WILLIAM THOMAS	{ Deputy City Surveyor, Sheffield.
1892 May 3.	LANCASTER, EDWARD WILLIAM	{ 1 St. Ann's Chambers, Orchard Street, Westminster, S.W.
1889 Dec. 3.	{ LANCASTER, WILLIAM JOSEPH COSENS	{ The Kraal, St. Julian's Farm Road, West Norwood, S.E.
1888 Feb. 7.	*LANDER, PHILIP VINCENT	{ Compania de Obras Publicas, Ave- nida de Mayo 586, Buenos Aires.
1895 Dec. 3.	LANDLESS, JAMES THOMAS	{ Station Buildings, Nelson, Lanes.
1897 Mar. 2.	LANE, FREDERICK PAGET	{ 23 East Cliff, Dover.
1887 Dec. 6.	LANE, GEORGE	{ Gasworks, Aylesbury.
1904 Jan. 12.	*LANE, HUGH SEPTIMUS	{ Madawachchi, N.C.P., Ceylon.
1895 Feb. 5.	*LANE, STANLEY ARTHUR	{ H.M. Dockyard Extension, Keyham, Devonport.
1904 Apr. 19.	{ *LANE, THOMAS REGINALD PELHAM	{ Moundsley Hall, King's Norton, Worcestershire.
1880 Dec. 7.	*LANG, JOHN CHARLES	{ Liskeard, Cornwall.
1882 Mar. 7.	{ *LANGE, FREDERICK MONTA- GUE TOWNSEND	{ 72A St. Thomas Street, S.E.
1897 Mar. 2.	LANGFORD, WILLIAM MORRIS	{ Galatz Waterworks, Roumania.
1890 Mar. 4.	*LANGSTON, ALFRED CECIL	{ H. S. King & Co., Pall Mall, S.W.
f m † 1902 Apr. 8.	{ *LAPWORTH, HERBERT, B.Sc. (Birm.)	{ Derwent Valley Water Board, Bamford, Sheffield.
1895 Dec. 3.	LARARD, CHARLES EDWARD	{ Northampton Institute, Clerkenwell,
1886 Mar. 2.	*LARGE, CHARLES JOHN EDMONDS	{ Brecon. [E.C.]
1898 Dec. 6.	{ LARMOR, WILLIAM WRIGHT, B.A. (Royal)	{ Banbridge, co. Down.
1899 Dec. 5.	LA ROCHE, CHARLES AUGUSTUS	{ Kyber Pass, Auckland, N.Z.
1900 Dec. 4.	*LART, FREDERICK ARTHUR	{ 17 Victoria Road, Darlington.
1896 May 5.	*LASHMORE, ERNEST WARD	{ Willway Street Depot, Bristol.
w t † 1886 Apr. 6.	LAST, WILLIAM ISAAC	{ Machinery Division, Victoria and Albert Museum, S. Kensington, S.W.
1899 Apr. 11.	LATHAM, GEORGE BALDWIN	{ Parliament Mansions, Victoria Street, S.W.
1892 Apr. 5.	*LATIMER, HUGH HAUGHTON	{ Apartado 385, Mexico City.
1901 Apr. 2.	{ *LA TROBE-BATEMAN, FREDERIC WINFRIED	{ 36 Kensington Mansions, Earl's Court, S.W.

Date of  
Election.

## ASSOCIATE MEMBERS.

1883 May 29.	*LAURENCE, REGINALD .. ..	Gothic Works, Norwich.
1893 Dec. 5.	*LAURENS, FRANK .. ..	Norfolk Park, Maidenhead.
1901 Dec. 3.	LAURIE, GORDON COLET .. ..	Heron Court, Brentwood.
1894 Dec. 4.	*LAURIE, KENNETH SMALE .. ..	Heron Court, Brentwood.
1878 May 28.	LAVEY, CHARLES .. ..	19 Arundel Square, Barusbury, N.
1897 Mar. 2.	LAW, GEORGE ERNEST .. ..	P. W. D., Perth, Western Australia.
1890 May 20.	LAW-GREEN, CHARLES .. ..	50 Hampton Road, Southport.
1896 May 5.	LAWN, JAMES GUNSON .. ..	Box 231, Johannesburg, Transvaal.
1899 Dec. 5.	*LAWRENCE, RICHARD PRIESTLEY	{ Govt. Rys., Salt River, Cape Town, C.C.
1897 Mar. 2.	*LAWS, BERNARD COURTNEY ..	{ Lloyd's Register, 3 St. Nicholas Buildings, Newcastle-on-Tyne.
1892 May 3.	*LAWSON, ALBERT WILLIAM ..	Municipal Offices, Rawtenstall.
1882 May 2.	LAWSON, CHARLES GRIFFIN ..	Dist. Council, Palmer's Green, N.
1889 Dec. 3.	*LAWSON, CHARLES HENRY ..	90 Boundary Road, N.W.
1886 Feb. 2.	LAWSON, VINCENT ALEXANDER	Stroud, Gloucestershire.
1888 Dec. 4.	LAWTON, RICHARD JOHNSON ..	47 Waldegrave Park, Twickenham.
1892 Mar. 1.	{ *LAZENBY, ARTHUR, B.A. ( <i>Cantab.</i> ) .. .. }	Ranmore, Rugby.
1901 Apr. 2.	LEA, FREDERICK CHARLES .. ..	22 Stracey Road, Harlesden, N.W.
1902 Dec. 2.	LEA, FREDERICK MACKENZIE ..	38 Bennetts Hill, Birmingham.
1904 Feb. 2.	{ LEA, RICHARD SMITH, Ma.E. ( <i>McGill</i> ) .. .. }	Montreal, Canada.
1900 Dec. 4.	*LEADER, HUGH .. ..	Thorndene, Oakleigh Park, N.
1898 Dec. 6.	{ LEAF, EDWARD HUNTINGDON, B.A. ( <i>Cantab.</i> ) .. .. }	Burlington Lodge, Streatham Common, S.W.
1898 Dec. 6.	{ LEAF, HENRY MEREDITH, B.A. ( <i>Cantab.</i> ) .. .. }	Burlington Lodge, Streatham Common, S.W.
1898 Dec. 6.	*LEAKE, HENRY COOKE .. ..	{ 4 Collingwood Villas, Stoke, Plymouth.
1903 Apr. 7.	LEASK, HENRY NORMAN .. ..	{ Heenan & Froude, 4 Chapel Walks, Manchester.
1895 Dec. 3.	*LEAVER, CYRIL D'ARCY .. ..	Field House, Harpenden, Herts.
1878 May 28.	LEE, EDWIN .. ..	Ferncliffe, Harehills Avenue, Leeds.
1890 May 20.	LEE, JOHN, M.A. ( <i>Oxon.</i> ) .. ..	10 Bisham Gardens, Highgate, N.
1866 May 1.	LEECHMAN, WILLIAM CAREY ..	{ 3 Greystone Buildings, South St., Eastbourne.
1895 Dec. 3.	LEES, HERBERT .. ..	Gasworks, Hexham.
1883 Mar. 6.	*LEES, OSWALD CAMPBELL .. ..	19 Pembroke Road, Kensington, W.
1891 Mar. 3.	LEETE, WILLIAM HENRY .. ..	Shire Hall, Bedford.
1887 Mar. 1.	LEFROY, GEORGE ANTHONY ..	{ c.o. Union Bank, Perth, Western Australia.
1904 Apr. 12.	LEGGETT, STEPHEN .. ..	Siemens Bros., Woolwich.
m 1891 Feb. 3.	*LEGROS, LUCIEN ALPHONSE ..	57 Brook Green, Hammersmith, W.
✠ 1888 Feb. 7.	*LEIGH, FREDERICK JAMES ..	30 Kenilworth Road, Ealing, W.
1895 Jan. 8.	LEIGH, JOHN ALFRED .. ..	{ Engineer's Office, Ship Canal Co., Eastham, Manchester.
1901 Dec. 3.	{ *LEITCH, ARCHIBALD, B.Sc. ( <i>Glas.</i> ) .. .. }	Walker Engineering Laboratory, University, Liverpool.
m ✠ 1896 Dec. 1.	*LEITCH, WILLIAM ORR, Jun. ..	Imperial Rys., Tientsin, China.
1892 Feb. 2.	{ *LE MESURIER, HARRY HUNT PEVERIL .. .. }	King, Hamilton & Co., Calcutta.
m 1887 May 24.	*LENGERKE, RUDOLPH EMIL VON	1 Victoria Street, S.W.
1882 May 23.	LESTER, EDWARD ROLLS .. ..	13 Whitefield Terrace, Plymouth.
1895 Mar. 5.	*L'ESTRANGE, FRANCIS SAMUEL	{ 64 St George's Avenue, Tufnell Park, N.
1891 May 12.	*LEVENTHORPE, JOHN BONFOY	King, King & Co., Bombay.
1900 Dec. 4.	*LEWIS, ARTHUR WILFRID ..	{ Frankley Waterworks, Northfield, Birmingham. [ham.
1888 Jan. 10.	LEWIS, FRANK BECKET .. ..	City Architect, Guildhall, Notting-

Date of Election.	ASSOCIATE MEMBERS.	
1892 Jan. 12.	LEWIS, HERBERT CLARK ..	{ Hean Castle, Saundersfoot, Pem- broke-shire.
1889 Dec. 5.	*LEWIS, JOHN HARRY .. ..	Surveyor's Office, Blackwood, Mon.
1893 Dec. 5.	*LEWIS, JOHN THORPE .. ..	South Indian Ry., Madras.
1900 Apr. 3.	*LEWIS, RALPH MORGAN .. ..	Admiralty Harbour, Dover.
1893 Jan. 10.	{ LEWIS, WILLIAM THOMAS WATKIN .. .. . }	Eastbrook Hall, Dinas Powis, Glam.
1902 Mar. 4.	*LEWIS-DALE, HENRY ANGLE Y	6 Cambridge Terrace, Chatham.
1888 Dec. 4.	*LIBBIS, GEORGE HILDER .. ..	Wood Bank, Lytham.
1893 Dec. 5.	*LIGHTBODY, ARTHUR EDWARD	{ Royal Windermere Yacht Club, Bowness, Windermere.
1902 Jan. 14.	*LIGHTFOOT, CECIL .. .. .	35 Queen Victoria Street, E.C.
1877 Dec. 4.	LILLEY, THOMAS ISAAC .. ..	3 Victoria Street, S.W.
1888 Feb. 7.	LILLJEGVIST, JOHAN RUDOLF	Bengtsfors, Sweden.
1881 Feb. 1.	*LINACRE, JOHN .. .. .	Hay, Breconshire.
1892 Dec. 6.	LINDE, ALBERT DE .. .. .	Tientsin, China.
1889 May 7.	{ LINDESAY, CHARLES DE LA POIRE CRAWFORD .. .. }	Royal Societies Club, St. James' Street, S.W.
1879 Dec. 2.	LINGING, FREDERICK EDWARD	4 Kensington Court Gardens, W.
1892 Apr. 5.	LINGWOOD, GEORGE .. .. .	Waterworks, Barbados. [W.
1902 Jan. 14.	*LINSKOTT, ARTHUR BURROW ..	16 Westbourne Square, Bayswater,
1904 Jan. 12.	LINTON, SAMUEL EDGAR ALBERT	{ 21 Holmewood Road, Streatham Hill, S.W.
1890 May 6.	LIPSCOMB, HERBERT NICHOLSON	Loco. Dept., Midland Ry., Liverpool.
1886 Dec. 7.	LISBOA, ALFREDO .. .. .	Box 883, Rio de Janeiro.
1904 Apr. 12.	LISMER, ALFRED BASS .. ..	Town Hall, Croydon.
1897 Mar. 2.	LISTER, FRANCIS LIVERSEDGE	Waterworks, Bulawayo, S. Africa.
1898 Apr. 5.	LISTER, FRANK SOMERSET .. ..	53 Victoria Street, S.W.
1878 May 28.	LITCHFIELD, HENRY CHARLES	P.W.D., Kimberley, Cape Colony.
1895 Dec. 3.	LITTLE, ALBERT GEORGE .. ..	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1885 Apr. 14.	*LITTLE, CHRISTOPHER .. ..	
1903 Feb. 3.	*LITTLE, MALCOLM .. .. .	3 Roundhay Terrace, Leeds.
1889 Dec. 3.	{ *LITTLE, WILLIAM DORRINGTON BOYLE .. .. . }	P.W.D., Brisbane, Queensland.
1902 Dec. 2.	{ LITTON, FRANCIS HENRY, B.A.I. (Dubl.) .. .. . }	Loco. Supt., Pekin Syndicate Rys., Tientsin, China.
1889 Dec. 3.	LIVENS, FREDERICK HOWARD	Ruston, Proctor & Co., Lincoln.
1899 Dec. 5.	LIVERSEDGE, ALFRED JOHN ..	{ Clock House, Arundel Street, Strand, W.C.
1891 Feb. 3.	*LIVERSIDGE, JOHN GEORGE, R.N.	H.M. Dockyard, Malta.
1895 Apr. 2.	*LIVESEY, ALFRED PERCIVAL ..	Apartado 566, Havana, Cuba.
1893 Feb. 7.	LIVINGSTONE, GEORGE .. ..	17 Victoria Street, S.W.
1884 May 6.	LLOBET, ANDRÉS .. .. .	Montevideo, Uruguay.
1891 Mar. 3.	*LLOYD, BELL GEORGE .. ..	{ Box 126, Lourenço Marquez, Delagoa Bay, S.E. Africa.
1890 Jan. 14.	*LLOYD, CHARLES VEREKER .. ..	c.o. H. S. King & Co., 65 Cornhill, E.C.
1902 Apr. 8.	LLOYD, CYRIL EDWARD .. ..	13 Victoria Street, S.W.
1882 May 2.	{ *LLOYD, GEORGE AUGUSTUS HAMILTON FITZ-WARRINE .. }	J. Scrivener, United African Lands, 20 Bucklersbury, E.C.
1897 Feb. 2.	*LLOYD, GUY ERNEST .. ..	Davey, Paxman & Co., Colchester.
1900 Feb. 6.	*LLOYD, HENRY GARDINER ..	11 Chesterton Road, Plaistow, E.
m 1901 Apr. 2.	*LLOYD-DAVIES, DAVID ERNEST	{ Engineer's Dept., Council House, Birmingham.
1892 Mar. 1.	*LOAM, MATTHEW .. .. .	Moditonham, Hatt, Cornwall.
1899 Apr. 11.	LOBLEY, FRANCIS JOSEPH .. ..	District Council, Hale, Cheshire.
1896 Dec. 1.	*LOBNITZ, HENRY CALDER .. ..	Strule Farm, Billingshurst, Sussex.
1886 May 4.	LOCH, RICHARD .. .. .	45 New Walk, Leicester.
1896 Jan. 14.	*LOCHHEAD, KERR, B.Sc. (Glas.)	{ 68 Manor House Road, Newcastle- on-Tyne.
1901 Apr. 2.	*LOCKET, ATHOL .. .. .	{ Jokai Tea Co., Panitola P.O., Dibrugarh, India.
1886 Feb. 2.	*LOCKHART, HAROLD EDWARD	72 Elmbourne Road, Upper Tooting,
1889 Dec. 3.	LOCKYER JAMES EDWARD .. ..	Coonoor, Nilgiris, Madras. [S.W.



Date of  
Election.

## ASSOCIATE MEMBERS.

1898 Mar. 1.	LODDER, ERNEST .. .. .	The Bungalow, River Don, Tasmania.
1865 Feb. 7.	LOEFFLER, JOHN CHARLES LEWIS	The Abbey, Campden Hill Rd., W.
1880 Feb. 3.	LOGAN, JOHN WILLIAM, M.P. . .	Market Harborough.
1898 Mar. 1.	LOGIER, EUGENE ADOLPHE ..	24 Westland Row, Dublin.
1892 May 3.	LOMAX, CHARLES JAMES ..	37 Cross Street, Manchester.
1885 May 5.	LOMAX, WALTER JOHN ..	11 Fold Street, Bolton.
1893 May 2.	*LONG, FRANCIS MADDISON ..	Electricity Co., Duke St., Norwich.
1897 Apr. 6.	LONG, RICHARD CHARLES ..	21 Fairacres Road, Oxford.
1894 Dec. 4.	{*LONGHURST, FREDERICK HERD- MAN .. .. .}	{c.o. MacFadyean & Co., Winchester House, Old Broad Street, E.C.
1903 Mar. 3.	*LONGLEY, ROBERT JAMES ..	13 Clarendon Place, Leeds.
1882 Dec. 5.	LONGRIDGE, ROBERT CHARLES	Kilrie, Knutsford.
1901 Apr. 23.	LORD, JAMES .. .. .	21 Savile Crescent, Halifax, Yorks.
1898 Apr. 5.	LORIMER, JOHN ALEXANDER	Gt. Western Ry., Pernambuco, Brazil.
1891 Jan. 13.	LOUCH, JOHN DA VINCI ..	P.W.D., Auckland, N.Z.
1883 Mar. 6.	LOUTH, GEORGE EDWARD ..	Eng.'s Office, G.W. Ry., Reading.
1896 Feb. 4.	LOVE, GEORGE RANKIN ..	7 Wellington Place, Guildford.
1884 Mar. 4.	*LOVEGROVE, CHARLES ARTHUR	P.W.D., Colombo, Ceylon. [Glasgow.
B 1902 Dec. 2.	*LOWE, JAMES .. .. .	Gas Engineer's Office, 45 John Street,
1890 Dec. 2.	LOWRY, FREDERICK .. .. .	Ravendale, Hornchurch, Essex.
1892 Dec. 6.	LUARD, EDWARD SYDNEY ..	{Grindlay & Co., Parliament Street, S.W.
1870 Dec. 6.	LUCAS, ARTHUR .. .. .	27 Bruton Street, W.
1902 Dec. 2.	{*LUCAS, FREDERIC HORACE FAVIELL .. .. .}	{Windermere, Laburnham Road, Maidenhead.
1891 Feb. 3.	LUCAS, SAMUEL ERNEST ..	29 York Crescent Rd., Clifton, Bristol.
1880 Dec. 7.	LUCKSTEDT, HENRY .. .. .	{South Wonston Farm, Micheldever, Hants.
1891 Feb. 3.	*LUCY, WILLIAM THEODORE ..	107 Woodstock Road, Oxford
1888 Feb. 7.	LUDBROOK, SAMUEL WILLIAM	231 Romford Road, E.
1891 Dec. 1.	{LUFF, GEORGE ANDREW MID- DLEMIS .. .. .}	{G.P.O., Wellington, N.Z.
✠ 1882 Dec. 5.	LUKIS, ERNEST DU BOIS ..	{Mineral de la Aurora, <i>viá</i> Teziutlan, Puebla, Mexico.
1890 Mar. 4.	LUMB, TOM GALLON .. .. .	24 Birley Street, Blackpool.
1891 Dec. 1.	LUND, ARTHUR .. .. .	{7 Victoria Terrace, Bromham Road, Bedford.
1883 May 29.	*LUNGLEY, ARTHUR ROBERT ..	Fulton & Co., Adelaide, S. Australia.
1891 Jan. 13.	LUNN, ALFRED .. .. .	Middle Level Drainage, March.
1904 Apr. 12.	{LYLE, GEORGE HERBERT, B.A.I. (Dubl.) .. .. .}	{Knocktarne, Coleraine, co. Derry.
1892 Jan. 12.	{LYNAM, FRANCIS JOHN, B.E. (Royal) .. .. .}	{Co. Surveyor's Office, Omagh, Tyrone.
1891 Dec. 1.	*LYNAM, GEORGE TROTTER ..	Boro' Engineer, Burton-on-Trent.
1873 May 6.	LYNCH, EDWARD JAMES ..	45 Corrêa Dutra, Cattete, Rio de
1882 Jan. 10.	LYNCH, JOSEPH .. .. .	Nova Friburgo, Brazil. [Janeiro.
1885 Feb. 3.	LYNDE, FREDERICK CHARLES ..	
✠ 1899 Apr. 11.	*LYNDE, GERALD GASCOIGNE ..	{Buckland, Ashton-on-Mersey, Cheshire.
1896 Dec. 1.	*LYON, ERNEST .. .. .	Calle de Blanco 279, Valparaiso,
1858 Feb. 2.	LYON, GEORGE .. .. .	Valparaiso, Chile. [Chile.
1892 May 3.	{MACALLISTER, ROBERT JOHN DUDLEY .. .. .}	{c.o. Mrs. MacAllister, The Towers, Lewes Road, Eastbourne.
1895 Feb. 5.	*MACANDREW, HAROLD .. ..	Box 4843, Johannesburg, Transvaal.
1882 Apr. 4.	MCARTHUR, DUNCAN WILLIAM	{Boro' Engineer, Waihi, Auckland, N.Z.
1883 Dec. 4.	MACBEAN, MALCOLM ÆNEAS	Office of Public Works, Glasgow.
1887 Feb. 1.	MCBEATH, ALEXANDER GORDON	Montague Road, Sale.

Date of Election.		ASSOCIATE MEMBERS.	
1890 May 6		MACBETH, JOHN BRUCE KING	44 Tamarind Lane, Bombay.
1890 May 20.		{ MCCALLUM, THEOPHILUS SEP- TINUS .. .. . }	40 Blackfriars Street, Manchester.
1898 Feb. 1.		{ MACCARTHY, JOHN LEADER, B.A., B.E. ( <i>Royal</i> ) .. .. }	Burn & Co., 7 Hastings Street, Calcutta.
1898 Dec. 6.		McCAY, SAMUEL, B.E. ( <i>Royal</i> )	{ Dick, Kerr & Co., City Chambers, Wood Street, Wakefield.
1900 Apr. 3.		{ *McCLEAN, WILLIAM NEWSAM, M.A. ( <i>Cantab.</i> ) .. .. }	42 Durdham Park, Bristol.
1890 Feb. 4.		McCLEW, WILLIAM CHARLES	Erin View, Portpatrick, N.B.
1892 Dec. 6.		*McCOWAT, GEORGE HUTCHESON	{ 8 Regent's Park Square, Strathbungo, Glasgow.
1901 Feb. 5.		McCROSKY, JAMES WARREN ..	{ J. G. White & Co., 22A College Hill, Cannon Street, E.C.
1875 Jan. 12.		McCULLOCH, ALEXANDER ..	25 Gayfield Square, Edinburgh.
1884 Dec. 2.		*MACDONALD, ANGUS RODERICK	c.o. H.S. King & Co., Pall Mall, S.W.
1902 Dec. 2.		MACDONALD, ARTHUR CAMERON	Casilla 942, Valparaiso, Chili.
1876 May 30.		MACDONALD, AUGUSTUS VANZANDT	Ry. Dept., Auckland, N.Z.
1881 May 31.		MACDONALD, DONALD .. ..	{ Kimberley Waterworks Co., 20-21 Laurence Pountney Lane, E.C.
1888 Dec. 4.		MACDONALD, DONALD GRANT	Urban District Council, Rugby.
1896 Dec. 1.		MACDONALD, DUNCAN KENNEDY	D.P.W., Akyab Division, Burma.
m 1902 Jan. 14.		*McDONALD, EDWARD SLATER	{ Waterford & Rosslare Ry., Welling- ton Bridge, co. Wexford.
1892 Mar. 1.		*MACDONALD, MURDOCH .. ..	Nile Reservoir, Assouan, Egypt
1897 Mar. 2.		MACDOUGALL, ALEXANDER, Jun.	Oakhurst, Westcombe Park, S.E.
1896 Mar. 3.		{ McDougall, JAMES, B.A. ( <i>Toronto</i> ) .. .. }	Court House, Adelaide Street East, Toronto, Canada.
1899 Jan. 10.		{ McDougall, PERCY RAYMOND, M.A. ( <i>Cantab.</i> ) .. .. }	4 Lansdowne Terrace, Wakefield.
1885 Feb. 3.		McEWEN, THOMAS SMITH ..	Govt. Rys., Cape Town, C.C.
1904 Mar. 1.		{ *McFADYEAN, WILLIAM MAT- THEWS .. .. . }	Royal Edward Dock, Avonmouth, Bristol.
1897 Jan. 12.		{ *MACFARLANE, RIENZI WAL- TON .. .. . }	{ Vehar, Heene Road, West Worth- ing.
1884 Dec. 2.		{ *MACFARLANE, THOMAS JOHN MALCOLM .. .. . }	Box 1198, Johannesburg, Transvaal.
✠ 1883 Dec. 4.		MACGEORGE, LESLIE DUNCAN	High Street, Dunedin, N.Z.
1890 Dec. 2.		{ MCGLASHAN, PATRICK BLACK- STOCK .. .. . }	Gatehouse, Kircudbrightshire.
1879 Feb. 4.		MACGREGOR, ALFRED ALEXANDER	{ Glencairn, Gatley Road, Cheadle, Cheshire.
1876 May 27.		*MACGREGOR, ALEXANDER ..	{ 3 Collingham Gardens, Kensington, S.W.
1904 Jan. 12.		{ *MCGREGOR, STUART WILLIAM BUCHANAN .. .. . }	9 Lonsdale Road, Leytonstone, N.E.
1894 Jan. 9.		*McGUIRE, JAMES CLARK ..	26 Cortlandt Street, New York, U.S.
1893 Apr. 11.		*McINTOSH, HORACE ARTHUR ..	F. C. Central, Montevideo.
1904 Apr. 12.		{ MACINTOSH, JAMES RAE, B.Sc. ( <i>Glas.</i> ) .. .. }	{ The West Manse, Alva, N.B.
1891 Jan. 13.		{ *MACINTYRE, JAMES GILBERT STEVENSON .. .. . }	Rhodesia Railways, Bulawayo, South Africa.
1897 Feb. 2.		McINTYRE, JOHN TURNBULL ..	Grindlay, Groom & Co., Bombay.
m 1880 May 4.		*MACKAY, JOHN CHARLES ..	Llanwye, Hampton Park, Hereford.
1900 Feb. 6.		*MACKAY, ROBERT GORDON ..	Nürnbergstrasse 16. I., Berlin.
1900 Dec. 4.		{ *MACKENZIE, ALEXANDER RODERICK .. .. . }	Govt. Rys., Maritzburg, Natal.
1900 Apr. 3.		MACKENZIE, ARTHUR CECIL ..	Fairlight, Edge Cliff, Sydney, N.S.W.
1890 Dec. 2.		*MACKENZIE, JAMES .. ..	Govt. Rys., Ceres, Cape Colony.

Date of Election.	ASSOCIATE MEMBERS.	
1884 Dec. 2.	{MACKENZIE OF TARBAT, Sir JAMES KENNETH DOUGLAS, Bart. . . . .}	8 Bramham Gardens, Kensington, S.W.
1894 Feb. 6.	*MCKENZIE, LESSEL STEPHEN ..	City Engineer's Office, Bristol.
1889 Dec. 3.	MACKENZIE, THOMAS KENNETH	{Box 1876, Johannesburg, Trans- vaal.
1892 Dec. 6.	{MACKENZIE - RICHARDS, PETER FELIX .. . . .}	53 Victoria Street, S.W.
1877 Mar. 6.	MACKIE, CHARLES HASTINGS ..	R M. Ry., Ajmere, India.
1900 Dec. 4.	{*MACKILLOP, GARDINER HENDERSON, B.Sc. (Glas.)}	G.W.Ry., High Wycombe.
1885 May 19.	*MACKINLAY, FREDERICK ..	367 Calle Guido, Buenos Aires.
1900 Jan. 9.	{MACKISON, JAMES WALLS, B.Sc. (Edin.) .. . . .}	8 Constitution Terrace, Dundee.
1899 Dec. 5.	{MACKISON, WILLIAM MAXWELL, B.Sc. (Edin.) .. . . .}	Waterworks, Antigua, West Indies.
1880 Dec. 7.	*MACLACHLAN, ALEXANDER ..	{7 Laverockbank Road, Trinity, Edinburgh.
1884 Dec. 2.	*MCLAREN, RAYNES LAUDER	10 Lammas Park Gardens, Ealing, W.
1894 Dec. 4.	{MACLEAN, CHARLES STEWART DOUGLAS .. . . .}	Eng.'s Office, Midland Ry., Derby.
1901 Apr. 2.	MACLEAN, JOHN .. . . .	19 University Avenue, Glasgow.
1902 Dec. 2.	*MACLEAN, JOHN MACGAVIN ..	{50 Royal York Crescent, Clifton, Bristol.
1901 Feb. 5.	{MCLEAN, JOHN ROWLAND JONES .. . . .}	F. C. Pacifico, Calle 25 de Mayo 277, Buenos Aires.
1903 Apr. 7.	*MCLEAN, WILLIAM HANNAH ..	160 Hope Street, Glasgow.
1889 May 21.	*MACLELLAN, WILLIAM TURNER	{129 Trongate, Glasgow. (MacLellan, Glasgow.)
1879 Feb. 4.	MACLENNAN, JOSEPH .. . .	{Portugalete, Bilbao, Spain. (Mac- Lennan, Bilbao.)
1876 Dec. 5.	*MACMAHON, HENRY EUGENE	{Leadmore, Branksome Wood Road, Bournemouth.
1889 Dec. 3.	McMAKING, THOMAS .. . .	96 St. Andrew's Road, Southsea.
1893 May 16.	McMILLAN, HENRY .. . .	R. M. Railway, Bandikui, India.
1894 Jan. 9.	*McMILLAN, JAMES PETER ..	{Waterworks, Graaf Reinets, Cape Colony.
1884 May 6.	McMINN, ARTHUR CHARLES ..	Gas L. & C. Co., Kensal Green, W.
1891 Feb. 3.	{*McMURTRIE, GEORGE EDWIN JAMES .. . . .}	Radstock, near Bath.
1897 Dec. 7.	MCNEILL, BEDFORD .. . .	25a Old Broad Street, E.C.
1893 May 2.	MCNEILL, WILLIAM . . . .	{10 Lower Road West, St. Leonards- on-Sea.
1897 Jan. 12.	McNELLAN, JAMES EDWARD ..	{Robert Hemming, Box 2, Johannes- burg, Transvaal.
1896 Feb. 4.	MACPHERSON, MALCOLM .. .	{Eng.'s Office, St. Enoch Station, Glasgow.
1887 Apr. 5.	McPHERSON, JOHN AMBROSE ..	Waterworks Office, Bristol.
1894 May 1.	{McQUEEN, WILLIAM TEMPLE, B.Sc. (Glas.) .. . . .}	Railway Administration, Gabbari, Minet El Basal, Alexandria.
1902 Feb. 4.	*McRITCHIE, CHARLES BELL ..	{Heritier Buildings, Jeppe Street, Johannesburg, Transvaal.
1892 May 3.	MACRONE, GRIEVE .. . .	G.P.O., Montreal, Canada.
1902 Dec. 2.	{*MACTAGGART, JOHN NORMAN CAMPBELL, B.E. (Sydney) ..}	Metropolitan Board of Water Supply, Sydney, N.S.W.
1892 May 24.	*MADDOCK, PERCY WALTER ..	{Honoresfeld, Langham Road, Ted- dington.
1899 Feb. 7.	{*MADDOCKS, ARTHUR PERCY, B.Sc. (B'ham.) .. . . .}	48 Nottingham Road, Spondon, Derby.
1897 Dec. 10.	{*MADELEY, JAMES WELBY, M.A. (Cantab.) .. . . .}	Waterworks, Hayfield, Stockport.
1904 Jan. 12.	MAGER, FREDERICK WALTER	Aldridge, Walsall.



Date of Election.		ASSOCIATE MEMBERS.	
1891 Jan. 13.	MAGINNIS, JAMES PORTER	..	{ 11 Carteret Street, Westminster, S.W. (P.O. Telephone—Victoria 192.)
1884 Apr. 1.	MAHONY, FRANCIS RONAN	..	{ Water Supply Office, Ballarat Victoria.
1902 Jan. 14.	*MAIR, GEORGE PASCOE	.. ..	Willans & Robinson, Rugby.
1891 Apr. 1.	*MAIS, CHARLES LESLIE STEWART	..	10 Harbor St., Kingston, Jamaica.
1896 Dec. 1.	MAKINSON, THOMAS HENRY	..	G.C. Ry., Haddenham, Bucks.
1899 Jan. 10.	MALCOLM, JOHN, B.Sc. ( <i>Glas.</i> )	..	6 Waterloo Place, S.W.
† 1891 Dec. 1.	*MALCOLMSON, JAMES WADDELL	..	Box 327, El Paso, Texas, U.S.
1901 Mar. 5.	*MALIM, JOHN CHARLES	.. ..	{ Works Dept., H.M. Dockyard, Chatham.
1899 Dec. 5.	{ *MALLAGH, JOSEPH, B.A., B.E. ( <i>Royal</i> )	.. ..	{ Markethill, co. Armagh.
1889 Dec. 3.	MALLALIEU, FRANCIS MAYALL	..	Box 715, Johannesburg, Transvaal.
1894 Dec. 4.	MALSCH, CHARLES CHRISTIAN	..	Constitutional Club, S.W.
1904 Apr. 19.	MALTY, FREDERIC THOMAS	..	South Street, Dorchester.
1894 Apr. 3.	MANN, GEORGE	.. ..	10 Polmuir Road, Aberdeen.
1891 May 5.	MANN, JABEZ	.. ..	Sevenoaks.
1886 Jan. 12.	MANN, JOHN RANDALL	.. ..	{ Beaumont House, The Woodlands, Isleworth.
1895 May 21.	MANNING, WILLIAM ROBERT	..	{ 25 Baskerville Road, Wandsworth Common, S.W.
1898 Dec. 6.	MANSEL, ROBERT	.. ..	Umbilo P.O., Durban, Natal.
1897 Jan. 12.	*MANSERGH, WALTER LEAHY	..	Elm Bank, Frogmal Lane, N.W.
1904 Jan. 12.	MANSFIELD, JAMES FRANCIS	..	{ Central London Ry., Shepherd's Bush Depôt, W.
1881 Feb. 1.	*MANWARING, HENRY HARE	..	107 Manor Road, Brockley, S.E.
1883 May 1.	*MARJORIBANKS, DUDLEY SINCLAIR	..	..
1893 Jan. 10.	*MARKBY, WALTER	.. ..	24 Westbourne Terrace Road, W.
1903 Apr. 7.	*MARKHAM, CECIL CARY	.. ..	6 Dixon Terrace, Darlington.
1892 Dec. 6.	{ *MARKS, EDWARD CHARLES ROBERT	.. ..	{ 13 Temple Street, Birmingham. 18 Southampton Buildings, Chancery
t † 1884 Mar. 4.	*MARKS, GEORGE CROYDON	..	{ Lane, W.C. (Abecedary, London. Holborn 836.)
1887 Apr. 5.	*MARKS, HENRY CAPNER	.. ..	City Surveyor, Carlisle.
1901 Dec. 3.	MARRIAN, ARTHUR EDWARD	..	Royal Marine Depôt, Deal.
1887 Feb. 1.	*MARRIAN, FREDERIC YORK	..	5 Prince's Parade, Muswell Hill, N.
1904 Apr. 12.	*MARRIAN, HAROLD GREENWOOD	..	Town Hall, Manchester.
1894 Dec. 4.	*MARRINER, WILLIAM WRIGHT	..	{ Park View, Croom's Hill, Green- wich, S.E.
† 1898 Apr. 5.	MARSH, CHARLES FLEMING	..	{ East London Waterworks, Clapton, N.E.
1889 Feb. 5.	*MARSH, DOUGLAS EARLE	..	G. N. Ry., Loco. Dept., Doncaster.
1887 May 3.	{ *MARSH, LEONARD SWAINE MORTLOCK	.. ..	{ Waterworks Office, Sheffield. Châlet des Grands-Vignes, Sathonay,
1886 Dec. 7.	*MARSHALL, HERBERT AUGUSTUS	..	{ Ain, France.
1889 May 7.	MARSHALL, JENNER GUEST	..	{ Tyndall Works, Sloane Street, Bir- mingham.
1902 Jan. 14.	*MARSHALL, JOHN SCOTT	.. ..	{ Dick, Kerr & Co., 18 Guildhall Street, Preston.
1893 Mar. 7.	MARSHALL, LAUNCELOT PAUL	..	Northern Outfall Works, Beckton, E.
1888 May 15.	MARSTON, CHARLES FREDERICK	..	44 High Street, Sutton Coldfield.
1892 May 24.	*MARSTON, EDWARD HOWIS	..	21 Queen's Road, Beckenham, S.E.
1884 Feb. 5.	MARSTON, GEORGE DALLAS	..	G.I.P. Ry., Bombay.
1893 Dec. 5.	MARTEN, HENRY	.. ..	Avonside House, Keynsham, Bristol.
1884 May 27.	*MARTEN, HENRY JAMES	.. ..	{ Surveyor's Office, 215 Balham High Road, S.W.
1898 Apr. 5.	MARTIN, ARTHUR JOHN	.. ..	7 Victoria Street, S.W.
1896 Dec. 1.	*MARTIN, ERNEST BRANWHITE	..	City Eng.'s Office, Leeds.
1893 Apr. 11.	*MARTIN, ERNEST METEOR	..	Hanwell, W.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1901 Dec. 3.	MARTIN, ERNEST SYDNEY ..	3 Esplanade, Calcutta.
	1878 Feb. 5.	MARTIN, GEORGE .. .. .	{ c.o. R. M. Heald, 103 Streatham Hill, S.W.
	1893 Dec. 5.	MARTIN, GEORGE HENRY ..	{ 3 Bayham Road, Rusthall Avenue, Turnham Green, W.
	1904 Jan. 12.	{ *MARTIN, GEORGE THOMAS BARNES .. .. . }	Caixa 403, Rio de Janeiro, Brazil.
	1887 Dec. 6.	MARTIN, JOSEPH ERNEST	Nizam's Ry., Secunderabad, India.
	1903 Apr. 7.	{ *MARTIN, ROBERT EDMUND, M.A. ( <i>Cantab.</i> ) .. .. . }	The Brand, Loughborough.
	1877 Mar. 6.	MARTIN, THOMAS HENRY ..	New Barnet, Herts.
	1903 Apr. 21.	{ *MARTIN, VINCENT JOSEPH, M.Sc. ( <i>Victoria</i> ) .. .. . }	5 Rose Lane, Mossley Hill, Liverpool.
	1886 May 18.	MARTIN, WILLIAM JAMES ..	{ Aguas Corrientes, Rosario de Santa Fé, Argentina.
	1888 Dec. 4.	*MARTINDALE, WARINE BEN HAY	{ Haistwell House, Sunningdale, Berks.
	1890 Dec. 2.	*MARTINEAU, HOWARD .. ..	{ Thistlehurst, Westerfield Road, Ipswich.
	1893 Mar. 7.	*MARTIN-LEAKE, RICHARD ..	Marshalls, Ware, Herts.
✚	1888 Dec. 4.	*MARTIN-LEAKE, STEPHEN ..	Marshalls, Ware, Herts.
	1880 Dec. 7.	MARTYN, GEORGE VALENTINE	6 West Cliff Terrace, Ramsgate.
	1899 Dec. 5.	MASON, ARTHUR JOSEPH .. ..	St. Mary's Hall, Coventry.
	1887 May 3.	MASON, CHARLES .. .. .	Foster & Pearson, Beeston, Notts.
	1897 Mar. 2.	MASON, CHARLES GEORGE .. ..	Boro' Surveyor, Guildford.
	1898 Dec. 6.	MASON, WILLIAM, B.Sc. ( <i>Victoria</i> )	7 Bridge Street, Heywood, Lancs.
	1877 Dec. 4.	*MASON, WILLIAM JOSHUA ..	Woodville, Lovelace Road, Surbiton.
	1881 May 31.	MASSEY, JOHN DUNHAM .. ..	8 Princes Street, E.C.
	1888 Apr. 10.	MASSIE, FRANK .. .. .	Tetley Ho., Kirkgate, Wakefield.
	1901 Apr. 2.	*MASTER, ROBERT CREASY ..	{ Master & Ashcroft Bros., Ramah, via Wingate, New Mexico, U.S.
	1884 Feb. 5.	MASTERMAN, CHARLES EDWARD	28 Victoria Street, S.W.
	1904 Jan. 12.	MASTERMAN, SIDNEY WILLIAM	Royal Survey Dept., Bangkok, Siam.
	1896 May 5.	MATHER, SAMUEL .. .. .	Victoria Road, Surbiton.
m ✚	1896 Dec. 1.	*MATHESON, EDWARD EWING ..	{ Carrington, Diamond Street, Saltburn-by-the-Sea.
	1892 May 24.	MATHEW, CHARLES .. .. .	Boro' Surveyor, Ryde, I.W.
	1900 Feb. 6.	MATHEWS, CHARLES JAMES ..	{ Dept. of Mines, Boiler Inspection Branch, Perth, Western Australia.
	1893 Jan. 10.	MATHEWS, GEORGE SOMERS ..	District Council, Dorking.
	1902 Dec. 2.	*MATHIESON, JAMES GRAY ..	{ Bryn Coed, Crescent Road, Chingford.
	1895 Dec. 3.	{ *MATTHEWS, ARTHUR BRINCKEN, B.A. ( <i>Cantab.</i> ) .. .. . }	24 Sistova Road, Balham, S.W.
	1893 Dec. 5.	*MATTHEWS, JAMES NEWSOME ..	Boro' Engineer's Office, Salford.
	1877 Mar. 6.	{ *MATTHEWS, WILLIAM MAC- DONALD .. .. . }	22 Broadwater Down, Tunbridge Wells.
	1904 Apr. 12.	MATTINSON, HENRY .. .. .	55 Piccadilly, Manchester.
	1888 May 1.	*MATTOS, ALVARO GOMES DE ..	98 Rua da Saude, Rio de Janeiro.
	1903 Feb. 3.	MAUGHAN, NICHOLAS .. ..	Municipal Offices, Bombay.
	1894 Mar. 6.	MAULDIN, PAMPLIN JOHN ..	99 St. Leonards Road, Hove.
	1902 Jan. 14.	{ *MAURICE, CHARLES JAMES KINDERSLEY .. .. . }	Inspector of Roads and Bridges, Pretoria, Transvaal.
	1894 May 22.	*MAWSON, MATTHEW .. .. .	{ 87 Sternhold Avenue, Streatham Hill, S.W.
	1885 Apr. 14.	*MAXTED, GEORGE VINCENT ..	{ St. Laurence, Cliff Lane, Hornsea, Yorks.
	1902 Apr. 8.	{ MAXWELL, JAMES THOMSON, B.Sc. ( <i>Edin.</i> ) .. .. . }	East Indian Ry., Calcutta.
	1900 Mar. 6.	MAXWELL, WILLIAM HENRY ..	Town Hall, Tunbridge Wells.

Date of Election.		ASSOCIATE MEMBERS.	
1876 Mar. 7.	MAY, JAMES GEORGE .. ..	{	72 Bensham Manor Road, Thornton Heath, S.E.
1892 May 3.	*MAY, JOHN .. ..	{	Newlands, Copers Cope Road, Beckenham.
1884 May 27.	MAY, THOMAS .. ..	{	Gasworks, Richmond, Surrey.
1890 Jan. 14.	*MAY, WALTER EDWARD .. ..	{	Sandhurst, Marine Drive, Rhyl.
1866 Mar. 6.	{MAYER, EDWARD ADOLPHUS FENWICK .. ..	{	
1893 Jan. 10.	*MAYES, ARTHUR ERNEST .. ..	{	P.W.D., Colombo, Ceylon.
1899 Dec. 5.	*MAYES, GEORGE RICHARD .. ..	{	Wynnstay Collieries, Ruabon.
1889 Dec. 3.	MAYLOR, WILLIAM, JUN. .. ..	{	Hanley Grange, Hanley Castle, Worcestershire.
1890 May 6.	{*MAYNARD, JOHN CLARKSON PHILLIPS .. ..	{	Irrigation Dept., Pretoria, Transvaal.
1893 Jan. 10.	MEABY, MICHAEL CHARLES .. ..	{	88 Chancery Lane, W.C.
1876 Jan. 11.	MEAD, ARTHUR .. ..	{	1 Florence Villas, Grange Park Road, Leyton, E.
1871 Mar. 7.	MEAGHER, JAMES JOSEPH .. ..	{	St. Lucia, West Indies. [House, E.C.
1896 Feb. 4.	MEDLICOTT, JOHN HENRY .. ..	{	c.o. Macfadyen & Co., Winchester
1901 Jan. 8.	MEGAW, DAVID, B.E. (Royal)	{	County Surveyor's Office, Belfast.
1883 May 29.	MEILBEK, JOSEPH .. ..	{	13 Victoria Street, S.W.
1894 Mar. 6.	{*MEISCHKE-SMITH, WILLIAM, M.Sc. (Victoria) .. ..	{	
1897 Apr. 6.	*MELDRUM, JAMES .. ..	{	Shire Engineer, Numurkah, Victoria.
1893 May 16.	{MELLOR, THOMAS EDWARD WHEATLEY .. ..	{	Withington, Boyne Park, Tunbridge Wells.
1894 Feb. 6.	{MELVILL, EDWARD HARKER VINTCENT .. ..	{	Box 719, Johannesburg, Transvaal.
1895 May 21.	MENDONCA, BIANOR SILVANO DE	{	Escripatorio da Linha, E. de F. Central, Rio de Janeiro.
1899 Apr. 11.	MENMUIR, ROBERT WILLIAM .. ..	{	Town Hall, Woodstock, Cape Colony.
1874 Feb. 3.	MENZIES, JOHN .. ..	{	Menai Bank, Carnarvon.
1883 Dec. 4.	*MERCER, GEORGE BARKER .. ..	{	38 Chatham Street, Liverpool. (Arrenpee, Liverpool.)
1889 Dec. 3.	MERCER, WILLIAM ALEXANDER	{	85 London Wall, E.C. (Flysch, London. London Wall, 406.)
1893 May 2.	MERCIECA, VINCENZO .. ..	{	San Paolo 232, Valetta, Malta.
1891 May 5.	MEREDITH, WILLIAM MAXSE .. ..	{	2 Whitehall Gardens, S.W.
1898 Dec. 6.	MERRICKS, FRANK .. ..	{	5 & 6 Great Winchester Street, E.C. (Docimology, London.)
1891 Apr. 7.	MESSINGER, THOMAS .. ..	{	Greeba, Matham Road, E. Molesey.
1895 Apr. 2.	{MESSER, WILLIAM ALFRED SABINE .. ..	{	9 Cambridge Road, Lee, S.E.
1892 Feb. 2.	METCALF, JOHN WILLIAM .. ..	{	Town Surveyor, Newmarket.
m ✚ 1888 May 15.	*METCALFE, ARTHUR WHARTON	{	Director of Works Dept., Admiralty, Northumberland Avenue, W.C.
1896 Dec. 1.	METZGER, GUSTAVUS FERDINAND	{	3 York Street, Manchester.
1901 Feb. 5.	MEYRICK, WILLIAM HENRY .. ..	{	Engineer's Office, L. & S. W. Ry., Waterloo, S.E. [Chuli.
1897 Mar. 2.	MICHAEL, FREDERICK .. ..	{	Tarapaca Waterworks Co., Iquique,
1889 Jan. 8.	*MIDDLEMIST, HENRY WARD .. ..	{	F. I. Middlemist, Honiton School, Honiton, Devon.
1900 Dec. 4.	{MIDDLETON, JOHN HARRISON, B.A.I. (Dubl.) .. ..	{	170 Pembroke Road, Dublin.
1892 Feb. 2.	MIDDLETON, RICHARD HENRY	{	Borough Engineer, Walsall.
m 1899 Dec. 5.	*MIDDLETON, WILLIAM .. ..	{	Christy Brothers and Middleton, Chelmsford.
1892 Dec. 6.	MILBOURNE, ROBERT JOHN .. ..	{	Muxton, near Newport, Shropshire.
1893 Mar. 7.	*MILDRED, CHARLES .. ..	{	Arbuthnot & Co., Madras.
t ✚ 1902 Apr. 8.	*MILLAR, ALEXANDER .. ..	{	17 Victoria Street, S.W.



Date of Election.	ASSOCIATE MEMBERS.	
1904 Jan. 12.	*MILLER, ANDREW .. ..	Hallside, Newton, Glasgow.
1892 Dec. 6.	MILLER, ERNEST .. ..	{ The Cottage, Berkeley Avenue, Nottingham.
1893 May 2.	MILLER, HARRY WILLIAM ..	{ Cunningham & Gearing, Atlas Works, Bree St., Cape Town, C.C.
1883 Feb. 6.	MILLER, HENRY .. ..	Surveyor, Felling, co. Durham.
1892 Dec. 6.	*MILLER, HENRY MORLEY ..	{ 3 Grassendale Rd., Cressington, Liverpool.
1894 Dec. 4.	MILLER, JOHN EZRA .. ..	17 Fawcett Street, Sunderland.
1892 Dec. 6.	*MILLER, ROBERT FAULDS ..	109 Bath St., Glasgow.
1894 May 1.	*MILLER, WILLIAM AKERMAN ..	Colonial Engineer, Dominica.
1881 Dec. 6.	MILLHOUSE, WILLIAM .. ..	Waterworks, Scarborough.
1895 May 5.	MILLING, HUGH .. ..	Roseneath, Malahide.
1895 May 21.	MILLNER, WILLIAM JAMES ..	D.P.W., Newcastle, N.S.W.
1890 Apr. 1.	MILLS, ARTHUR EDWIN .. ..	Marietta, Sandycove, co. Dublin.
1893 Dec. 5.	MILLS, CHARLES WALTER ..	F. C. del Sud, Buenos Ayres. [S.S.
1898 Dec. 6.	MILLS, FRANK .. ..	District Ry. Engineer, Taipeng, Perak,
1903 Apr. 7.	MILLS, GEORGE HEMINGWAY ..	Nurney, Glenagarey, co. Dublin.
1892 Dec. 6.	*MILLS, GEORGE PILKINGTON ..	The Woodlands, Beeston, Notts.
1885 Dec. 1.	*MILLS, JOHN CHARLES .. ..	King, King & Co., Bombay.
1884 Feb. 5.	{ *MILLS, WILLIAM BURTON SAVILLE .. .. }	S. E. & C. Ry., Swanley.
1894 Dec. 4.	MILNER, CHARLES SIDDALL ..	17 Victoria Street, S.W.
1900 Dec. 4.	{ *MILNER, HAROLD WOOD, M.Sc. (Victoria) .. .. }	The Mount, Malton, Yorks.
1888 Dec. 4.	*MILNES, GEORGE PERCIVAL ..	Town Surveyor, Stroud, Glos.
1881 Apr. 5.	MINCHIN, JOHN BIRCH .. ..	Oruro, Bolivia, <i>via</i> Panama.
1893 Jan. 10.	MITCHELL, ERNEST HERBERT ..	{ c.o. Jessop & Appleby Bros., 22 Walbrook, E.C.
1902 Dec. 2.	MITCHELL, JAMES .. ..	Tees Conservancy, Middlesbrough.
1901 Apr. 2.	MITCHELL, LEWIS .. ..	{ Peel Chambers, Market Place, Bury, Lancs.
1888 May 15.	{ MITCHELL, THOMAS WILFRED HOWE .. .. }	Mining Offices, Eldon St., Barnsley.
1891 Jan. 13.	MITCHESON, PERCY EDWARD ..	Durban, Natal.
1895 Mar. 5.	{ MITRA, RAJESVARA, B.A. (Cal- cutta) .. .. }	P.W.D., Nagpur, C.P., India.
1882 Dec. 5.	MITRE Y VEDIA, EMILIO ..	Buenos Aires.
1896 Apr. 14.	{ MITTELHAUSEN, CHARLES JULIUS ALFRED .. .. }	19 St. John's Park, Blackheath, S.E
1896 May 19.	MITTON, ARTHUR DURY .. ..	The Mount, Alderley Edge, Cheshire.
1900 Feb. 6.	*MOBERLY, JAMES EDWARD ..	The Grove, Winthorpe, Newark.
1904 Apr. 12.	MOFFET, JAMES SCOTT DUNCAN	96 Deeplish Road, Rochdale.
1883 May 29.	{ MOLECEY, CHARLES SIMPSON TWIGGE .. .. }	Nelson's Wharf, Lambeth, S.E.
1881 May 31.	MOLINE, WILLIAM .. ..	19 The Avenue, Clifton, Bristol.
1896 Dec. 1.	*MOLLER, WARDEN APPLEBY ..	Newchwang, China.
1904 Jan. 12.	{ MOLLISON, HECTOR ALEX- ANDER, B.Sc. (Glas.) .. .. }	30 Balshafra Avenue, Partick, Glasgow.
1895 Dec. 3.	MOLLOY, HARRY JAMES .. ..	W. Watson & Co., Bombay.
1902 Feb. 4.	*MOLONY, FREDERICK ARTHUR	Bengal-Nagpur Railway, Calcutta.
1883 Feb. 6.	{ MOLONY, JOHN STORAN, M.A.I. (Dubl.) .. .. }	Pioneer Mill Co., Lahaina, Maui, Hawaiian Islands.
1902 Dec. 2.	MOLYNEUX, THOMAS .. ..	{ Waterworks Office, St. Peter's Square, Stockport.
1880 May 4.	*MONCKTON, MARMADUKE JOHN	c/o H. S. King & Co., 65 Cornhill, E.C.
1904 Apr. 19.	{ *MONCKTON, OLIVER PAUL, B.A. (Cantab.) .. .. }	Laundimer House, Oundle.
1894 Dec. 4.	*MONCUR, GEORGE, B.Sc. (Edin.)	G. N. of Scotland Ry., Aberdeen.
1886 Feb. 2.	MONCUR, JAMES .. ..	Chief Surveyor of Roads, Stafford.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Dec. 5.	MONCUR, JOHN WILLIAM ..	Borough Engineer, Sunderland.
1898 Apr. 5.	{ MONEY-KENT, JULIAN MONEY } VERNON .. .. .	Lime Tree House, Twickenham, S.W.
1892 Apr. 5.	MONIES, ALFRED .. .. .	Grindlay & Co., Calcutta.
1900 Dec. 4.	{ *MONK, JAMES EDMONSON, } B.Sc. ( <i>Victoria</i> ) .. .. .	Grindlay & Co., Calcutta.
1896 May 5.	MONKHOFSE, HAROLD JOHN	London & County Bank, Hastings.
1904 Jan. 12.	{ *MONRO, ROBERT GODFREY, } B.A. ( <i>Cantab.</i> ) .. .. .	Caerphilly, S. Wales.
1886 Apr. 6.	MONSON, HENRY .. .. .	7 Anson Road, Tufnell Park, N.
1896 Dec. 1.	*MONTAGU, DROGO .. .. .	Supt. of Telegraphs, Colombo, Ceylon.
1899 Apr. 11.	{ MONTGOMERY, HERBERT EL- } PHINSTONE .. .. .	Fairfield, Darlington.
1903 Apr. 7.	MOON, EDWARD MERCER ..	H.M. Dockyard, Hong Kong.
1895 Dec. 3.	*MOON, EDWIN JOHN .. ..	{ A. Krauss & Son, Lawrence Hill, } Bristol.
1900 Dec. 4.	{ *MOON, FREDERICK WILLIAM, } B.E. ( <i>Royal</i> ) .. .. .	Engineer's Office, N.E. Ry., York.
1897 Dec. 7.	{ *MOORBY, WILLIAM HENRY, } M.Sc. ( <i>Victoria</i> ) .. .. .	H.M. Dockyard, Devonport.
1894 May 1.	*MOORE, ARTHUR PILCHER FORD	9 Lammas Park Gardens, Ealing, W.
1894 May 1.	{ MOORE, CHARLES ELLIOTT, } B.A.I. ( <i>Dubl.</i> ) .. .. .	36 Mutual Buildings, Durban, Natal.
1899 Jan. 10.	{ MOORE, COURTENAY EDWARD, } B.A. ( <i>Dubl.</i> ) .. .. .	D.W. & W. Ry., 1 Westland Row, Dublin.
1887 Mar. 1.	MOORE, CUNINGHAME WILSON	
1886 Dec. 7.	*MOORE, EDWIN HENRY .. ..	{ 20 Baskerville Road, Wandsworth } Common, S.W.
1894 May 1.	{ MOORE, ERNEST SHERWOOD } WOOLLARD .. .. .	Electric Construction Corporation, Wolverhampton.
1904 Mar. 1.	*MOORE, EVERETT WILLIAM ..	4 Portland Street, Gillygate, York.
1895 Apr. 2.	*MOORE, GODFREY WILSON ..	South Indian Ry., Cuddalore, Madras.
1891 Dec. 1.	*MOORE, KENTISH .. .. .	
1899 Jan. 10.	{ *MOORE, SYDNEY WILLIAM, } B.A. ( <i>Dubl.</i> ) .. .. .	Engineer's Office, G. W. Ry., Paddington, W.
1888 Mar. 6.	MOORE, WILLIAM JAMES PERRY	{ 147 Queen Victoria St., E.C. (Nut- } megged, London. Bank 509.)
1891 Dec. 1.	{ MOORHEAD, ROBERT BRADSHAW, } B.A.I. ( <i>Dubl.</i> ) .. .. .	5 Pelsin Road, Shanghai, China.
1902 Dec. 2.	{ MORCOM, REGINALD KEBLE, } B.A. ( <i>Cantab.</i> ) .. .. .	24 Augustus Road, Edgbaston.
m 1896 Dec. 1.	*MORELAND, RICHARD, JUN.	25 Old Street, E.C.
1892 Feb. 2.	MORGAN, ARTHUR HENRY ..	{ Mogok, Ruby Mines District, Upper } Burma.
1899 Jan. 10.	MORGAN, EDWARD LLEWRWG ..	Boro' Engineer, Bolton.
1899 Apr. 11.	MORGAN, FRANK .. .. .	{ Norwich Union Chambers, Chamber- } lain Square, Birmingham.
1889 Dec. 3.	MORGAN, WILLIAM BARLOW ..	{ Mannamead, Dorchester Rd., Wey- } mouth.
1899 Dec. 5.	{ *MORGAN, WILLIAM RICHARD } WILMOT .. .. .	Star Fort, Matava, Ceylon.
1889 Dec. 3.	{ *MORIARTY, HENRY ALLASTER } ORPEN .. .. .	Roscrea Priory, Goulburn, N.S.W.
1889 Mar. 5.	*MORLEY, JOHN GEORGE .. ..	Town Hall, West Ham, E.
1891 Dec. 1.	{ MORONY, HENRY VEREKER } LLOYD, B.E. ( <i>Queen's</i> ). ..	Harbour Engineer, Limerick.
1883 Feb. 6.	MORRIS, EDMUND LEGH .. ..	New River Works, Finsbury Park, N.
1900 Apr. 3.	*MORRIS, EDWARD HAROLD ..	Rainhill, Barnburgh, Doncaster.
1889 Dec. 3.	*MORRIS, FRANCIS SANDERS ..	4 Trafalgar Square, W.C.
1889 Dec. 3.	MORRIS, PERCY MACDONALD ..	{ Howick Lodge, Sydney Road, Wal- } ton-on-Thames.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1901 Dec. 3.	*MORRIS, WILLIAM GERALD ..	47 Spital Street, Dartford.
	1894 May 22.	*MORRIS, WILLIAM VANE ..	{ c.o. Mrs. Morris, 11 Park Road, Forest Hill, S.E.
	1899 Dec. 5.	MORRISON, JAMES SMITH ..	11 Beresford Terrace, Dover.
	1898 Apr. 5.	*MORRISON, RALPH PERCY ..	15 Hyde Park Terrace, Leeds.
	1899 Apr. 11.	MORRISON, WILLIAM, B.Sc. (Glas.)	7 Maurice Place, Edinburgh.
m	1901 Mar. 5.	*MORTON, ANDREW HOME ..	130 Bath Street, Glasgow.
	1894 Dec. 4.	*MORTON, HUGH JAMES ..	{ 224 St. Vincent Street, Glasgow. (National 1650 Argyle.)
	1894 Dec. 4.	MORTON, OSWALD GORDON ..	Muswellbrook, <i>via</i> Sydney, N.S.W.
	1890 Mar. 4.	*MOSS, HENRY ALLAN ..	{ c.o. H. S. King & Co., 65 Cornhill, E.C.
	1892 Dec. 6.	{ MOULD, GEORGE ALEXANDER HUTCHINGS .. .. . }	Milliken Bros., 139 Commissioner Street, Johannesburg, Transvaal.
	1894 Dec. 4.	MOULDING, THOMAS ..	City Surveyor's Office, Exeter.
	1894 Feb. 6.	*MOUNT, JOHN CHAPMAN ..	Town Hall, Lancaster.
	1893 Jan. 10.	MOUNTAIN, ARTHUR HENRY ..	Withington, near Manchester.
	1902 Feb. 4.	MOUNTFIELD, JAMES ..	{ 142 Balmoral Road, New Brompton, Kent.
	1901 Feb. 5.	*MOWAT, MAGNUS ..	Millwall Docks, E.
	1902 Apr. 8.	MOYLAN, WILLIAM MORGAN ..	{ 17 Collingham Place, South Kens- ington, S.W.
	1877 Mar. 6.	*MOYLE, SAMUEL ..	Towan, Nightingale Road, Guildford.
	1891 Dec. 1.	MUDIE, JAMES ROBERT ..	24 Forfar Road, Dundee.
	1889 Feb. 5.	*MUIR, EDWARD LESLIE ROBERT	Eng.'s Office, Midland Ry., Derby.
	1890 Dec. 2.	MULLER, JOHAN VIGGO SIGVALD	Newquay, Cornwall.
	1886 Feb. 2.	*MULLIGAN, THOMAS NORTH ..	81 James Street, Dublin.
	1902 Feb. 4.	*MULLINGS, TOM OSBERN ..	{ Electric Supply Co., Mansourah, Egypt.
	1885 Feb. 3.	MUMFORD, ARTHUR GEORGE ..	Colchester.
	1885 May 19.	MUNCE, JAMES ..	City Surveyor's Office, Belfast.
	1904 Apr. 19.	{ *MUNCE, JAMES STILWELL, B.E. (Royal) .. .. }	67 Conway Road, Plumstead, S.E.
m	1872 May 7.	*MUNDAY, HENRY THOMAS ..	County Council, Spring Gardens,
	1890 Dec. 2.	MUNN, ROBERT ANDREW ..	5 Winn Road, Southampton. [S.W.
	1894 Jan. 9.	{ MUNRO, JOHN MACINTOSH MACKAY .. .. . }	136 Bothwell Street, Glasgow.
	1894 Dec. 4.	MURAKAMI, KIYOICHI ..	14 Wakamatsu-cho, Osaka, Japan.
	1892 Mar. 1.	MURCOTT, DANIEL ..	{ Florence Street, West Perth, W. Aus- tralia.
	1867 May 7.	MURDOCH, GEORGE BROWN ..	Attonrig, Ferry Rd. West, Edinburgh.
	1902 Apr. 8.	MURPHY, CHARLES FRANKLIN	{ 33 Bridge Street, Morpeth, Northum- berland.
	1904 Jan. 12.	*MURPHY, MATTHEW ALEXANDER	Arima, Trinidad.
	1890 Jan. 14.	*MURRAY, CHARLES ..	
	1895 Jan. 8.	*MURRAY, GEORGE THOMAS ..	{ Roads Dept., New Plymouth, New Zealand.
	1883 Feb. 6.	MURRAY, JOHN ..	Caixa 403, Rio de Janeiro. [vaal.
	1898 Dec. 6.	MURRAY, LEE, M.C.E. (Melb.)	Messrs. Siemens, Johannesburg, Trans-
m	1900 Dec. 4.	{ *MURRAY, ROBERT ALAN ERSKINE .. .. . }	C. S. A. Rys., Braamfontein, Johan- nesburg, Transvaal.
	1890 Apr. 1.	MURRAY, STEWART BINNY ..	Salem, Madras.
	1886 Dec. 7.	*MUSGRAVE, JAMES ..	{ F. C. Oeste, Via y Obras, Buenos Aires.
	1896 Dec. 1.	MUSKER, CHARLES ..	Tuebrook, Liverpool. [C.C.
	1896 Dec. 1.	*MYBURGH, HENRY HAWKINS ..	Pauling & Co., Box 713, Cape Town.
	1887 Mar. 1.	MYLNE, HENRY CHARLES ..	Staverton, Wokingham, Berks.
	1890 Mar. 4.	MYRES, JOHN JAMES ..	15 Chapel Street, Preston.



Date of Election.		ASSOCIATE MEMBERS.	
1891 Mar. 3.	*	NAPIER, ARCHIBALD SCOTT ..	King, King & Co., Bombay.
1888 Jan. 10.	{	*NAPIER, <i>Hon.</i> EDWARD HERBERT SCOTT .. .. .	Deputy Consulting Engineer for Railways, Lucknow, India.
✠ 1899 Dec. 5.	{	*NARDIN, ERNEST WILLOUGHBY, B.E. ( <i>Sydney</i> ) .. .. .	Hannan's Star Mine, Boulder City, Western Australia.
1903 Mar. 3.	*	NARIMAN, RUSTOM KAIKHASRO	Irrigation Dept., Paripat, Punjab.
1887 Dec. 6.	{	NASH, ALFRED GEORGE, B.Sc. ( <i>Edin.</i> ) .. .. .	Greenvale House, Mile Gully P.O., Jamaica.
1904 Apr. 12.	{	NASH, FOUNTAIN OKEY COLBORNE .. .. .	Town Hall, Rochdale.
1895 Mar. 5.		NASH, RICHARD WILKINSON ..	9 Bridge St., Westminster, S.W.
1893 Dec. 5.		NATH, BISHAMBAR .. .. .	P.W.D., Punjab.
1884 May 27.		NATHAN, BENJAMIN ARTHUR ..	31 Dorset Square, N.W.
1904 Apr. 12.		NATHANIELSZ, ARTHUR HOLMAN	Waterworks, 45 John St., Glasgow.
1900 Apr. 3.		NAYLOR, CHARLES HENRY ..	{ 96 Elliscombe Road, Old Charlton, Kent.
✠ 1892 Dec. 6.		NAYLOR, WILLIAM .. .. .	3 Garstang Road, Fulwood, Preston.
1900 Dec. 4.		NAZ, JOSEPH LOIS .. .. .	Mauritius.
1878 Feb. 5.	*	NEAL, HERBERT .. .. .	Hill's Cottage, Sidmouth.
1889 Jan. 8.		NEALL, FRANK FEARNE .. ..	Dock Office, Leith, N.B.
1898 Jan. 11.	{	NEELY, ALEXANDER JAMES, M.A., M.A.I. ( <i>Dubl.</i> ) .. ..	c.o. Grindlay & Co., Parliament Street, S.W.
1904 Apr. 12.		NEILL, THOMAS ALBERT ..	47 Disraeli Road, Forest Gate, E.
1902 Feb. 4.	{	NEILSON, WILLIAM HARDCASTLE, B.A.I. ( <i>Dubl.</i> ) .. ..	Sir John Jackson, Keyham Dock-yard Extension, Devonport.
1895 Dec. 3.	*	NELSON, GEORGE .. .. .	{ 106 High Street E., Wallsend-on-Tyne.
1885 May 5.		NELSON, HENRY .. .. .	King, King & Co., Bombay.
1896 Jan. 14.		NETO, JOSEPH GOMES .. ..	{ 12 Rua Barao de Victoria, Pernambuco.
1891 May 5.		NETTLETON, HUGH .. .. .	Town Hall, Weston-super-Mare.
1888 Dec. 4.	*	NEVILL, PERCY .. .. .	Harbour Works, Douglas, I. of Man.
1891 May 12.		NEVINS, HUBERT PENROSE ..	{ Board of Works, Rialto, Collins Street, Melbourne, Victoria.
1894 Jan. 9.		NEWBIGGING, WILLIAM .. ..	5 Norfolk Street, Manchester.
1899 Apr. 11.		NEWHAM, JOHN THOMAS ..	11 Victoria Street, S.W.
1895 Dec. 3.		NEWLANDS, ALEXANDER ..	Highland Ry., Inverness.
1904 Apr. 12.		NEWMAN, HENRY ARTHUR ..	{ Council Offices, Church End, Finchley, N.
in ✠ 1874 May 12.	*	NEWMAN, JOHN .. .. .	{ Northfleet House, Market Place, Brentford.
1890 May 6.		NEWMAN, JOHN THOMAS ..	Wytefelde, Elsee Road, Rugby.
1893 May 16.	*	NEWMAN, REGINALD WILLIAM	{ Govt. Irrigation Works, Thebus, Cape Colony.
1891 May 5.	*	NEWMARCH, HERBERT SMALES	c.o. H. S. King & Co., Pall Mall, S.W.
1892 Feb. 2.	*	NEWMARCH, LEONARD JOHN ..	Imperial Railways, Tientsin, China.
1891 Dec. 1.		NEWSON, FREDERIC WALTER ..	Shewan, Tomes & Co., Shanghai.
1893 May 2.		NEWTON, ARTHUR EDGAR ..	Bombala, Monaro, N.S.W.
1899 Jan. 10.	{	*NEWTON, EDWIN BENNETT Brierley .. .. .	Town Hall, Paddington, W.
1903 Apr. 21.	*	NEWTON, HENRY CECIL EARLE	62 Addison Road, Kensington, W.
1868 May 5.		NEWTON, SAMUEL BARTON ..	Bhowalee, Naini Tal, N.W.P., India.
1887 May 24.		NEWTON, WILLIAM JOSEPH ..	Boro' Surveyor, Accrington.
1902 Dec. 2.		NIAS, CHARLES HENRY .. ..	{ Silver Fir, Church Road, Moseley, Birmingham.
1877 Feb. 6.		NICE, ALFRED SLATER .. ..	Carlton Hall, nr. Newmarket.
1888 Feb. 7.	*	NICHOLL, ARTHUR EDWARD ..	The Rectory, Streatham, S.W.
1896 Dec. 1.	*	NICHOLL, JOHN CLARIDGE ..	{ Mesne Lea, Parkside Road, West Bowling, Bradford.
1896 Dec. 1.		NICHOLLS, JOHN SAMUEL ..	335 East India Dock Road, E.
1890 Dec. 2.	*	NICHOLS, ALBERT EDWARD ..	{ Boro' Engineer, Folkestone. (Surveyor, Folkestone.)

Date of Election.	ASSOCIATE MEMBERS.	
1904 Apr. 19.	NICHOLSON, JAMES NAPIER ..	3 Cook Street, Liverpool.
1890 Dec. 1.	NICHOLSON, WALTER SERY ..	30 Great George Street, S.W.
1893 Dec. 5.	*NICOLLS, ARTHUR OLIVER ..	Govt. Rys., Box 291, Cape Town, C.C.
† 1897 Jan. 12.	{*NICOLLS, EDWARD HUGH DYNELEY .. .. .}	P.W.D., Cyprus.
1902 Dec. 2.	{*NIMMO, JAMES VALENCE, B.Sc. (Glas.) .. .. }	13 Southwood Avenue, Highgate, N.
1896 Dec. 1.	NIMMO, WILLIAM HENRY ..	Melbourne Club, Melbourne, Victoria.
1888 Dec. 4.	NISBET, THOMAS .. ..	Public Works Office, Glasgow.
1902 Apr. 8.	*NIVEN, JAMES JUST .. ..	108 St. George's Street, Cape Town, C.C.
1897 Apr. 6.	NIXON, FREDERICK ALBERT ..	
1899 Apr. 11.	NOLAN, JOHN JOSEPH . . .	{Dr. Hatton, 95 Chapel Street, Leigh, Lancs.
1899 Dec. 5.	{*NOLAN, THOMAS RICHARD, B.E. (Royal) .. .. }	Assam-Bengal Ry., Marlongdisa, India.
1888 Jan. 10.	NORDENFELT, PETER . . .	Rue Auber 8, Paris.
1881 Apr. 5.	NORMANVILLE, WILLIAM DE ..	Boro' Engineer, Leamington.
1890 Dec. 2.	NORRINGTON, JAMES PALMER ..	3 Trent Road, Brixton Hill, S.W.
1897 Apr. 6.	NORRIS, WILLIAM .. ..	Lancashire Steam Motor Co., Leyland.
1885 Feb. 3.	*NORTH, JOHN .. ..	Oakley House, Eye, Suffolk.
1897 Dec. 7.	NORTHCROFT, GEORGE ANDREW	Bloemfontein, Orange River Colony.
1894 Dec. 4.	*NORTON, ARTHUR .. ..	12 Stanmore Road, Edgbaston.
1901 Mar. 5.	NOWELL, ARTHUR BERRY ..	{Dwara - Therria Ry., Ishamati, Sylhet, India.
1893 May 2.	{NOWROJI, HORMUSJI, B.E. (Madras) .. .. }	Asst. Sanitary Eng. to Govt., Madras
1876 Feb. 1.	NUBAR, H. E. BOGHOS, <i>Pasha</i>	State Railways, Cairo, Egypt.
1896 May 19.	NUTTALL, EDMUND .. ..	{The Ash, Seymour Grove, Man- chester.
1899 Dec. 5.	*NUTTALL, HERBERT .. ..	20 Market Street, Bury, Lancs.
1897 Mar. 2.	*NYE, ARTHUR WILLIAM .. ..	110 Cannon Street, E.C.
1888 Apr. 10.	*NYE, WILLIAM THOMAS .. ..	{Gasworks, Rockhampton, Queens- land.
1902 Mar. 4.	*OAKDEN, RALPH, Junr. .. ..	41 Kirkgate, Newark.
1885 May 5.	{OAKES, Sir REGINALD LOUIS, Bart. .. .. .}	Soc. Anonyme La Métallurgique, 1 Place de Louvain, Brussels.
1887 May 3.	{*OAKLEY, ALGERNON SEYMOUR BERNARD .. .. .}	Barrington Grove, Burford, Oxon.
1896 Feb. 4.	*OAKLEY, ERNEST JOHN .. ..	{Kilburn & Co., 4 Fairlie Place, Calcutta.
1902 Dec. 2.	OAKLEY, HARRY EKERMANS ..	H.M. Dockyard, Malta.
1904 Mar. 1.	OATES, JOSEPH .. ..	{Currey & Tucker, Box 2811, Johan- nesburg, Transvaal.
m 1902 Jan. 14.	{*O'BRIEN, HENRY EOGHAN, B.Sc. (Victoria) .. .. }	Exchange Station, L. & Y. Ry., Liverpool.
1900 Dec. 4.	O'BRIEN, PERCY VINCENT	{P.W.D., Coolgardie, Western Aus- tralia.
1901 Apr. 23.	{O'CONNELL, JAMES CHARLES, B.E. (Royal) .. .. }	Up Park Camp, Jamaica.
1892 Apr. 5.	O'CONNOR, HENRY .. ..	{Milne & Son, Milton House Works, Edinburgh.
1903 Mar. 3.	{*O'CONNOR, RICHARD FRANCIS MARY, B.A., B.E. (Royal) .. }	C. H. Walker & Co., Harbour Works, Watchet.
1902 Dec. 2.	*ODDIE, PHILIP FRANCIS .. ..	85 Worple Road, Wimbledon.
1873 Mar. 4.	*ODLING, FRANCIS JAMES .. ..	Box 314, G.P.O., Melbourne, Victoria.
1894 Dec. 4.	O'DONNELL, JAMES IGNATIUS ..	Glencar, Eglinton Road, Dublin.
1887 Mar. 1.	O'DRISCOLL, FLORENCE .. ..	{2v Bickenhall Mansions, W. (Pad- dington 994.)

Date of Election.		ASSOCIATE MEMBERS.	
1889	Jan. 8.	*OERTEL, FRED. OSCAR .. ..	Allahabad, India.
1902	Mar. 4.	OERTON, FRANK JAMES .. ..	{ Alexandra South Dock, Newport, Mon.
1886	Jan. 12.	*OGILVIE, GEORGE TOD .. ..	Fort Jameson, Rhodesia.
1880	Dec. 7.	{ *OGILVIE, ROBERT CHARLES FREDERICK .. .. . }	{ Waveney, Upper Long Ditton, Surrey.
1859	Jan. 11.	OHREN, MAGNUS .. .. .	4 Garlies Road, Forest Hill, S.E.
1892	Dec. 6.	OKE, FRANCIS ROBERT .. ..	5 Coppenhall Terrace, Crewe.
1865	Apr. 4.	OKES, JOHN CHARLES RAYMOND	131 Verulam Road, St. Albans.
1894	Dec. 4.	OKURA, KUMEMA .. .. .	Okura & Co., Ginza, Tokio, Japan.
1887	Dec. 6.	*OLD, TRENHAM .. .. .	Bay Rd., St. Leonards, Sydney, N.S.W.
1900	Feb. 6.	OLDHAM, HUGH .. .. .	P.W.D., Perth, Western Australia.
1895	Dec. 3.	OLDHAM, RICHARD SOULBY ..	New Dock Works, Swansea.
1893	Dec. 5.	OLIVER, ALFRED MARK .. ..	98 Lewin Road, Streatham, S.W.
1893	May 2.	OLIVER, GILBERT THOMAS INGLIS	P.W.D., Moulmein, Burma.
1865	Apr. 4.	OLIVER, THOMAS .. .. .	Horsham.
1885	Apr. 14.	OLLIS, WILLIAM BAKER .. ..	151 Station St., Burton-on-Trent.
1864	Mar. 1.	ONSLow, DOUGLAS ARTHUR ..	34 Werter Road, Putney, S.W.
1893	Mar. 7.	OPENSHAW, JAMES .. .. .	Boro' Engineer's Office, Salford.
1890	Apr. 1.	ORDISH, OWEN .. .. .	{ A. R. Debnam, Mt. Pleasant, Plymouth.
1892	Mar. 1.	*O'REILLY, FRANCIS JOSEPH ..	{ Cranbrook, East Kootenay, British Columbia.
1894	Dec. 4.	*ORFORD, HENRY JAMES .. ..	{ 15 Railway Avenue, Maradana, Ceylon. [Assam.
1892	Dec. 6.	ORMEROD, GEORGE HOLT .. ..	Assam-Bengal Railway, Lumding.
1885	Feb. 3.	*ORMEROD, RICHARD OLIVER ..	9 Pagoda Avenue, Richmond, Surrey.
1890	Mar. 4.	ORB, ADOLPHE ERNEST .. ..	P.W.D., Lahore, Punjab.
1887	Dec. 6.	ORTON, FREDERICK .. .. .	Whitechurch, near Cardiff.
1890	Dec. 2.	*OSBORN, ASHBY FREDERICK ..	Roads Office, Cowra, N.S.W.
1887	Dec. 6.	*OSMOND, WILLIAM .. .. .	{ 8 Wetherby Gardens, Kensington, S.W.
1896	Feb. 4.	O'SULLIVAN, JOHN GABRIEL ..	City Engineer's Office, Dublin.
1887	Dec. 6.	OTAGAWA, MASAYUKI .. ..	{ 57 Haramachi P'thome, Ushigomeku, Tokio, Japan.
1901	Dec. 3.	OUGH, ARTHUR HENRY .. ..	{ c/o Henry Ough, 64 Basinghall Street, E.C.
1885	Apr. 14.	OUGH, HENRY .. .. .	64 Basinghall Street, E.C.
1890	Dec. 2.	*OUGHTERSON, ARTHUR .. ..	{ c.o. G. B. Oughterson, 40 Blessington Road, Lee, S.E.
1898	Apr. 5.	OUTRAM, FRANCIS DAVIDSON ..	28 Victoria Street, S.W.
1885	Dec. 1.	*OVERTON, FRANK .. .. .	12 Rectory Road, Beckenham.
1875	Apr. 6.	*OWEN, JOHN ARTHUR .. ..	Engineer's Office, Trinity House, E.C.
1887	Dec. 6.	OWEN, WILLIAM LAMBDEN ..	{ Menzies, N. Coolgardie Goldfield, Western Australia.
1902	Apr. 8.	{ OWENS, JOHN SWITZER, M.D. (Dubl.) .. .. . }	{ Ennerdale, Ford Bridge Road, Ashford, Middlesex.
1874	May 12.	OWER, CHARLES .. .. .	104 Commercial Street, Dundee.
1901	Dec. 3.	{ *PACK-BERESFORD, ALGERNON DUNBAR .. .. . }	{ King, Hamilton & Co., Calcutta.
1903	Mar. 3.	*PADDAY, ARTHUR CAMPBELL	{ P.W.D., Swat River Canal, Mardan, India.
1887	Apr. 5.	*PAGE, EDWARD HENRY .. ..	11 Castle Street, Cardiff.
1894	Jan. 9.	*PAGE, FRANK WATTS .. ..	14 St. Ann's Square, Manchester.
1894	Jan. 9.	*PAGE, SYDNEY ELLIOTT .. ..	28 New Bridge St., Blackfriars, E.C.
1886	Dec. 7.	PALLANT, THOMAS .. .. .	{ Junior Constitutional Club, Piccadilly, W.
1902	Feb. 4.	PALMER, ARTHUR CECIL HUNTER	Govt. Rys., Brisbane, Queensland.



Date of  
Election.

## ASSOCIATE MEMBERS.

1902 Apr. 8.	{ PALMER, FREDERICK CHARLES RICHARD .. .. . }	21 Blackett Road, Putney, S.W.
1886 Jan. 12.	*PALMER, THOMAS CASSINET ..	Beechwood, Moss Lane, Pinner.
1895 Dec. 3.	PARDOE, JOSEPH CHARLES ..	Kirklands, Barry, Cardiff.
1887 May 24.	PARK, CHARLES ARCHIBALD ..	Wolverton, Bucks.
1893 Dec. 5.	{ PARK, JAMES HARVEY WIL- LIAMSON, B.Sc. ( <i>Edin.</i> ) .. }	Madawachchiya, N.C.P., Ceylon.
1898 Dec. 6.	PARKER, CHARLES HERBERT ..	P.W.D., Prome Rd., Rangoon, Burma.
1883 May 29.	PARKER, HENRY .. .. .	{ 76 Station Road, South Shore, Blackpool.
1887 Mar. 1.	PARKER, JOHN .. .. .	City Surveyor, Hereford.
1887 May 24.	PARKER, JOHN .. .. .	{ 107 Bedford Court Mansions, Bed- ford Square, W.C.
1886 Dec. 7.	PARKER, JOHN EDWARD .. ..	{ Post Office Chambers, St. Nicholas Square, Newcastle-on-Tyne.
1899 Dec. 5.	{ PARKER, PHILIP A MORLEY, B.A. ( <i>Canab.</i> ), B.C.E. ( <i>Melb.</i> ) }	25 Victoria Street, S.W.
1896 Dec. 1.	PARKER, SYDNEY HYDE .. ..	Dibru-Sadiya Ry., Assam.
1884 Feb. 5.	*PARKES, HENRY .. .. .	{ c.o. Parkes & Browne, 52 Lincoln's Inn Fields, W.C.
1873 Apr. 1.	*PARKES, THOMAS FARMER ..	Lambeth Waterworks, Brixton, S.W.
1888 Feb. 7.	{ *PARKHOUSE, ALFRED WILLIAM LONG .. .. . }	61 Arbuthnot Road, Nunhead, S.E.
1891 Mar. 3.	PARKIN, FREDERIC WILLIAM ..	Naylor Bros., Ulleskelf, near York.
m ✚ 1889 May 7.	*PARKIN, JOHN HENRY .. ..	Gorpley Reservoir, Todmorden.
1884 Apr. 1.	{ PARKINSON, HENRY WATER- WORTH .. .. . }	Ry. Dept., Brisbane, Queensland.
1889 Feb. 5.	PARKINSON, JAMES .. .. .	Ellenby, Wilpshire, Blackburn.
m ✚ 1882 May 2.	*PARKINSON, RICHARD MARION	93 Lincoln Road, Peterborough.
1893 Dec. 5.	{ *PARKMAN, PHILIP GEORGE WILLIAM .. .. . }	Town Hall, Hounslow.
1892 Dec. 6.	PARLETT, GODFREY BERNARD	{ A. Dickinson & Co., Telephone Buildings, Birmingham.
1894 Dec. 4.	PARR, FRANCIS .. .. .	Town Hall, Bridgwater, Somerset.
1879 Dec. 2.	*PARRY, JOSEPH WILLIAM ..	{ A.J. Spilsbury, 86 Lyncroft Gardens, Finchley Road, N.W.
1892 Apr. 5.	*PARRY, RICHARD .. .. .	82 Victoria Street, S.W.
1900 Apr. 3.	{ *PARSONS, THE HON. GEOFFRY LAWRENCE, B.A. ( <i>Oxon.</i> ) }	Heaton Works, Newcastle-on-Tyne.
1888 Jan. 10.	PARSONS, HERBERT JOSIAH ..	Grindlay & Co., Calcutta.
1904 Apr. 12.	PARSONS, ROBERT HODSON ..	35 Bedford Street, Strand, W.C.
1885 Dec. 1.	PARTINGTON, THOMAS .. ..	{ Outer Barrier Works, Hodbarrow, Millom.
1886 Apr. 6.	*PARTRIDGE, GODFREY BOWEN	{ c.o. Mrs. Partridge, 15 Melford Road, Lordship Lane, S.E.
1892 Feb. 2.	PASSOS, ALEXANDRE PORTELLA	M. F. Gonsalvez, Bahia, Brazil.
1897 Apr. 6.	PATCH, ALFRED .. .. .	{ 58 Salford Road, Streatham Hill, S.W.
1890 Dec. 2.	PATERSON, JAMES DONALD ..	{ Engineer's Office, G. W. Ry., Pad- dington, W.
1893 Jan. 10.	PATERSON, MATTHEW .. ..	Levington, Ellesmere Park, Eccles.
1892 Jan. 12.	PATERSON, WALTER SAUNDERS	27 St. Stephen's Road, Ealing, W.
1867 Dec. 3.	PATTERSON, EDWARD CHARLES	103 Church Rd., Upper Norwood, S.E.
1886 Dec. 1.	PATTERSON, HERBERT CECIL ..	Jessop & Co., Calcutta.
1897 Apr. 6.	PATTESON, WALTER .. ..	{ High Greenwood, Heftonstal, Heb- den Bridge.
1885 Dec. 1.	PATTINSON, JOHN SHIELD ..	Fawcett, Preston & Co., Liverpool.
1875 Feb. 2.	PATTISON, FREDERICK .. ..	{ 130 Hamlet Gardens, Ravenscourt Park, W.
1885 May 5.	PATTRICK, CHARLES BEAUFOY	Box 4279, Johannesburg, Transvaal.
1889 Dec. 3.	*PAWLEY, FRANCIS ADOLPHUS ..	Arkonam, Madras.

Date of Election.	ASSOCIATE MEMBERS.	
1892 Dec. 6.	*PAXON, HAROLD CHARLES ..	{ Riley, Hargreaves & Co., Singapore, S.S.
1897 Apr. 6.	PAYNE, EDMOND WILLIAM ..	{ M. T. Shaw & Co., 81 Cannon St., E.C.
1900 Dec. 4.	PAYNE, HENRY .. ..	{ South African College, Cape Town, C.C.
1894 Dec. 4.	PAYNE, PERCY MARRIOTT ..	{ Holmesdale, The Park, Nottingham.
1904 Apr. 12.	{ *PEACE, THOMAS ARTHUR, .. M.Sc. ( <i>Victoria</i> ) .. .. }	{ (Holmesdale, Nottingham. 1359.). 21 Manilla Road, Clifton, Bristol.
1902 Dec. 2.	{ *PEACH, CHARLES EDMOND CLEA- VER, B.A. ( <i>Cantab.</i> ) .. .. }	{ 70 Preston New Road, Blackburn.
1900 Apr. 3.	PEAKE, ALGERNON .. ..	{ 25 Prospect Road, Ashfield, Sydney, N.S. Wales.
1902 Apr. 22.	*PEARCE, EDWARD NATHANIEL ..	{ 34 Boston Park Road, Brentford.
1900 Apr. 3.	PEARCE, STANDEN LEONARD ..	{ Corporation Electrical Dept., Dickin- son Street, Manchester.
1895 Dec. 3.	PEARSE, ALEXANDER FRANCIS ..	{ P.W.D., Eng. Surveys, Perth, W. Australia.
1901 Apr. 23.	*PEARSON, GEOFFREY HOPE ..	{ 3 Groundwell Street, Swindon.
1901 Apr. 2.	*PEARSON, HENRY LAWRENCE ..	{ Box 261, Bloemfontein, Orange River Colony.
1903 Feb. 3.	{ PEARSON, JAMES DAVIS, .. B.A., B.E. ( <i>Royal</i> ) .. .. }	{ Gya-Katrus Ry., Barano P.O., Giridih, Hazaribagh, India.
1893 Feb. 7.	PEARSON, JAMES MONTGOMERIE ..	{ 5 John Dickie St., Kilmarnock, N.B.
1904 Apr. 12.	*PEARSON, KENNETH RAMSAY ..	{ 27 Ashworth Mansions, Elgin Avenue, W.
1904 Jan. 12.	{ *PEARSON, ROBERT JOHN .. ADDISON .. .. }	{ 72 Mount Pleasant, Barrow-in-Fur- ness.
1896 Apr. 14.	PECK, HERBERT EDGAR ..	{ G. M. Sayerman, 88 The Parade, Leamington.
1900 Apr. 3.	{ PECKITT, REGINALD GODFREY, .. B.A. ( <i>Oxon.</i> ) .. .. }	{ Locomotive Department, Egyptian Railways, Boulac, Egypt.
1884 Jan. 8.	*PEDLEY, WILLIAM EVERARD ..	{ 515 Magnolia Avenue, Riverside, California, U.S.
1876 Mar. 7.	PEEL, WILLIAM .. ..	{ Knowlmore Manor, Clitheroe.
1904 Feb. 2.	PEET, HASTINGS FITZEDWARD, ..	{ City Engineer, Bloemfontein, Orange River Colony.
1890 Dec. 2.	*PEGG, HENRY VILLIERS .. ..	{ The Drift, Ranelagh Rd., Ipswich.
✠ 1896 May 19.	PEIRCE, ARTHUR .. ..	{ Town Hall, Calcutta.
1887 Apr. 5.	*PELLEREAU, HENRY ETIENNE ..	{ P.W.D., Hissar, Punjab.
1878 Mar. 5.	*PENA, URBANO JOSÉ DE LA ..	{ 3 Recoletos, Madrid.
1884 Feb. 5.	*PENLINGTON, CHARLES BERKELEY ..	{ Apartado 82, Bilbao, Spain.
1890 Jan. 14.	*PENN, HARRY .. ..	{ 260 South Norwood Hill, S.E.
1887 Jan. 11.	*PENNY, ARTHUR ROBERT ..	{ Oficina Via y Obras, F. C. del Sud, Buenos Aires.
1880 Dec. 7.	*PENNY, SEPTIMUS .. ..	{ 24 Fairmile Avenue, Streatham, S.W.
1888 Dec. 4.	*PERCEVAL, RICHARD DOUGLAS ..	{ Saintfield, co. Down.
1892 Dec. 6.	PERHAM, THOMAS .. ..	{ Marine Dept., Wellington, N.Z.
1885 Jan. 13.	*PERKINS, HUGH FREDERICK ..	{ Greystone, Bangor, N. Wales.
1892 Dec. 6.	PERKINS, JOHN EDWARD SHARMAN ..	{ Park Road, Peterborough.
1898 Apr. 5.	PERKINS, THOMAS LUFF .. ..	{ P. W. D., Hong Kong.
1874 May 5.	PERRETT, EDWARD .. ..	{ 151 Bedford Hill, Balham, S.W.
1889 Feb. 5.	*PERROT, SAMUEL DE .. ..	{ Neuchâtel, Switzerland.
1898 Dec. 6.	{ PERROTT, SAMUEL WRIGHT, .. B.A.I. ( <i>Dubl.</i> ) .. .. }	{ 19 Stamford Street, Old Trafford, Manchester.
1895 Feb. 5.	{ PERROTT, WILLIAM GEORGE, .. B.E. ( <i>Royal</i> ) .. .. }	{ Gracefield House, Blackrock, co. Dublin.
1889 Dec. 3.	PERRY, ARNOLD HENRY .. ..	{ P.W.D., Cairo, Egypt.
1900 Dec. 4.	*PERRY, GEORGE STEPHENS ..	{ Ransomes & Rapier, 32 Victoria Street, S.W.
1881 Feb. 1.	{ PERRY, Professor JOHN, M.E. .. ( <i>Queen's</i> ), D.Sc. ( <i>Royal</i> ), LL.D. .. ( <i>Glas.</i> ), F.R.S. .. .. }	{ Royal College of Science, South Kensington, S.W.

Date of Election.		ASSOCIATE MEMBERS.	
✠	1886 Dec. 7.	PERRY, THOMAS HOLMES ..	Edgmond Hall, Newport, Salop.
	1898 Dec. 6.	{ PERRY, WILLIAM RICHARD VIC- TOR PRITTIE, M.A.I. ( <i>Dubl.</i> ) }	G. S. & W. Ry., Limerick.
✠	1895 Dec. 3.	PERRY, GERRARD HATFIELD	28 Victoria St., Westminster, S.W.
	1901 Jan. 8.	*PETAVEL, JOSEPH ERNEST ..	{ Physical Laboratory, Owens College, Manchester.
	1900 Apr. 3.	*PETERS, NEIL JAMES .. ..	Waterworks Office, Cardiff.
	1900 Dec. 4.	PETTERS, JAMES M'FARQUHAR	P.W.D., Myitkyina, Upper Burma.
	1886 Apr. 6.	{ *PHELIPS, HENRY VIVIAN MAJENDIE .. .. }	c.o. H. S. King & Co., Pall Mall, S.W.
	1903 Apr. 7.	{ *PHELPS, GEORGE INGRAM DE BRISSAC, M.A. ( <i>Cantab.</i> ) .. }	23 Augustus Road, Edgbaston.
	1888 Dec. 4.	PHILIP, WILLIAM MARSHALL ..	Philip Bros., Cape Town, C.C.
	1904 Jan. 12.	PHILLIMORE, HUGH BOUCHIER	Kwala Lumpor, Selangore, S.S. [S.W.
	1885 Dec. 1.	PHILLIMORE, JOSEPH .. ..	c.o. Grindlay & Co., Parliament Street,
	1888 Feb. 7.	PHILLIPS, ARTHUR GAVED ..	11 Essex Villas, Phillimore Gardens, W.
	1891 Feb. 3.	{ PHILLIPS, ERNEST ALFRED WILLIAM .. .. }	Thos. Cook & Son, Rangoon, Burma.
	1904 Jan. 12.	PHILLIPS, GEORGE ALFRED ..	{ County Surveyor's Office, Bridgend, Glamorgan.
	1891 Dec. 1.	*PHILLIPS, HERBERT .. ..	48 Edwardes Square, Kensington, W.
	1894 Dec. 4.	PHILLIPS, JOHN .. ..	{ Superintendente de Via Permanente, F. C. Mexicano, Mexico.
	1896 Dec. 1.	PHILLIPS, ROBERT .. ..	9 Belgrave Road, Gloucester.
	1895 Feb. 5.	PHILLIPS, ROBERT EDWARD ..	70 Chancery Lane, W.C.
	1902 Dec. 2.	{ *PHILLIPS, WALTER PATRICK FREAR .. .. }	3 Grosvenor Road, Coventry.
	1897 Feb. 2.	PHILLIPS, WILLIAM LLEWELYN	{ N.E. Ry., New Bridge Street Station, Newcastle-on-Tyne.
	1903 Apr. 7.	PHIPPS, FREDERICK REGINALD	Boro' Surveyor, Basingstoke.
	1891 Jan. 13.	PICKARD, ALFRED BARNES ..	5 Madeira Road, Streatham, S.W.
	1891 Dec. 1.	*PICKERING, JOSEPH SPIERS ..	Boro' Engineer, Cheltenham.
	1897 Mar. 2.	PICKERING, SAMUEL ALBERT ..	86 Waterloo Street, Oldham.
	1898 Jan. 11.	PICKERING, WILLIAM TODD ..	{ Midland Ry., Bugsworth, near Stockport.
	1895 Dec. 3.	PICKLES, GEORGE HENRY ..	Boro' Surveyor, Burnley. [Mon.
	1896 Feb. 4.	*PIERCE, HUGH, B.A. ( <i>Cantab.</i> )	Culross, Bassaleg Road, Newport,
	1891 Feb. 3.	*PIGOTT, FRANCIS JOSEPH ..	P.W.D., Matale, Ceylon.
	1894 Apr. 3.	PILKINGTON, ARTHUR .. ..	c.o. H.S. King & Co., 65 Cornhill, E.C.
	1883 Feb. 6.	*PILKINGTON, OLIVER STANTON	{ Ivanhoe, Fferm Bach Road, Craigh- y-Don, Llandudno.
	1902 Dec. 2.	PILLING, ARTHUR WILLIAM ..	{ 39 Prudential Assurance Buildings, Leeds.
	1904 Jan. 12.	PILLING, HERBERT WYATT ..	{ 39 Prudential Buildings, Park Row Leeds.
	1881 Mar. 1.	PILLOW, EDWARD .. ..	Shirehall, Norwich.
	1896 Feb. 4.	*PINCOMBE, WILLIAM EDWIN ..	East Indian Ry., Calcutta.
	1880 Mar. 2.	*PINE, ARTHUR CHILLEY .. ..	{ c.o. Sir C. MacGregor & Co., 25 Charles Street, St. James' Square, S.W.
	1900 Dec. 4.	{ PINKERTON, EDMUND SUFFERN, B.E., B.A. ( <i>Royal</i> ) .. .. }	Town Hall, Belfast.
	1879 Feb. 4.	PIPE, SAMUEL MATTHEW ..	13 West Pier, London Dock, E.
	1900 Dec. 4.	*PITCAIRN, FRANCIS BERNARD	Waterworks, Shanghai, China.
	1897 Feb. 2.	*PITTAR, GEORGE FRANCIS ..	{ 17 Mount Ararat Road, Richmond, Surrey.
m ✠	1889 Dec. 3.	*PLATT, JOHN .. ..	{ 97 Cedar Street, New York, U.S. (Terneza, New York.)
	1892 Jan. 12.	PLATTS, HENRY CHARLES ..	23 Lime Street, E.C.
	1895 Jan. 8.	PLATTS, THEODORE SERGIUS ..	Waterworks, Odessa, Russia.
.	1891 Dec. 1.	POLLITT, ROBERT BARNABAS ..	{ De Beers Explosives Works, Cape Town, C.C.



Date of Election.		ASSOCIATE MEMBERS.	
1896 May 19.	*POLLOCK, JAMES, Jun. . . .	{	1 Langdale Villas, Brownhill Road, Catford, S.E.
1904 Jan. 12.	*POLLOK, JOHN . . . .	{	Charing Cross, Euston & Hampstead Ry., 39 Chalk Farm Road, N.W.
1897 Feb. 2.	*POLWHELE, JOHN ARCHIBALD	{	R. & K. Ry., Budaon, N.P., India.
1882 Dec. 5.	PONT, GEORGE VICTOR . . . .	{	Bengal Nagpur Ry., Raipur, C.P., India.
1892 May 3.	POOLE, EDWARD COOPER . . . .	{	5 Portland Street, Southampton.
✠ 1894 Dec. 4.	{*POOLE, WILLIAM, Jun., B.E. (Sydney) . . . .	{	B.H. Prop'y. Co., Port Pirie, South Australia.
1893 Dec. 5.	*POOLEY, HUBERT . . . .	{	Corporation Gas Dept., Stafford.
1881 May 31.	*POPE, FRANCIS JOHN . . . .	{	36 St. Mary's Mansions, Paddington, W.
1889 Feb. 5.	POPE, JOSEPH GORDON . . . .	{	Springfield Lodge, The Avenue, Grove Park, Wanstead, E.
1892 Dec. 6.	*POPE, THOMAS, Jun. . . .	{	Wytham, Maze Road, Kew, W.
1889 Dec. 3.	POPKISS, EDWARD PETER . . . .	{	Eng.'s Dept., Govt. Rys., Cape Town, C.C.
1897 Mar. 2.	{POPPELWELL, WILLIAM CHARLES, M.Sc. (Victoria) . . . .	{	The Yew, Marple, Stockport.
1889 Feb. 5.	*PORTEOUS, GEORGE WILLIAM . .	{	Casa Colon, Huelva, Spain.
1875 Apr. 6.	PORTER, EDMUND VERNON . . . .	{	44 Manor Road, Beckenham, S.E.
1899 Apr. 11.	PORTER, EUSTACE WILLIAM . . . .	{	H.M. Dockyard, Devonport.
1902 Apr. 8.	PORTER, GEOFFREY . . . .	{	Municipal Offices, Worthing.
1890 Dec. 2.	*PORTER, JAMES ROBERTSON . .	{	New River Office, Rosebery Avenue, E.C.
1900 Jan. 9.	{PORTER, RALPH CLASSON, M.Sc. (Victoria) . . . .	{	Crosby, Norman Road, Northfield, near Birmingham.
1896 Dec. 1.	*PORTSMOUTH, JOHN . . . .	{	12 Little College St., Westminster, S.W.
1888 Feb. 7.	PORTUS, ALEXANDER BROWN . .	{	Harbour Office, Sydney, N.S.W.
1891 May 5.	POTT, ARTHUR HENRY . . . .	{	69 Victoria Road, Kensington, W.
1876 Apr. 4.	{POTTS, BENJAMIN LANGFORD FORSTER . . . .	{	117 Camberwell Grove, S.E.
T t ✠ 1879 May 27.	POTTS, JOHN JAMES . . . .	{	Pier Office, Southport.
1897 Feb. 2.	{*POULDEN, GEORGE EDWARD LUTHER . . . .	{	H.M. Dockyard, Gibraltar.
1888 Dec. 4.	POWELL, ARTHUR . . . .	{	3 Unity Street, Bristol.
1881 May 3.	POWELL, EDWARD . . . .	{	Pendennis, Whitechurch, Cardiff.
1885 Dec. 1.	POWELL, HENRY BOLLAND . . . .	{	19 Victoria Street, S.W.
1904 Jan. 12.	{*POWELL, HERBERT JAMES BINGHAM . . . .	{	al cuidado del Señor Alcalde de Lima, Peru.
1895 Dec. 3.	POWELL, ROBERT ALBERT . . . .	{	P.W.D., Colombo, Ceylon.
1900 Dec. 4.	POWELL, SIDNEY JOHN . . . .	{	H.M. Naval Yard, Hong Kong.
1887 Mar. 1.	{POWER, JOHN MOORHEAD, B.A. (Cantab.) . . . .	{	British Consulate, Linares, Spain.
✠ 1880 Dec. 7.	{POWLES, HENRY HANDLEY PRIDHAM . . . .	{	90 Oakley Street, Chelsea, S.W.
✠ 1894 Dec. 4.	*POWNALL, JOHN . . . .	{	Idlewild, Westville Road, Thames Ditton, Surrey.
1893 Dec. 5.	PRADO, LEOPOLDO DE ABREU . .	{	41 Praia de Cajú, Rio de Janeiro.
1864 Mar. 1.	PREBBLE, CHARLES TREW . . . .	{	Temperley, Hucclecote, Gloucester.
1893 Dec. 5.	*PREBBLE, ERNEST . . . .	{	L. & N. W. Ry., Engineer's Office, Crewe.
1903 Apr. 7.	*PRECHOUS, ROBERT . . . .	{	Admiralty Extension, Keyham, Devonport.
1897 Apr. 6.	*PREECE, WILLIAM LLEWELLYN	{	Bryn Helen, Woodborough Road, Putney, S.W.
1902 Apr. 8.	PREECE, WILLIAM WALTON . . . .	{	Engineer's Office, G.N. Ry., King's Cross, N.
t ✠ 1876 Dec. 5.	{PRELLER, CHARLES SHEIBNER DuRICHIE, M.A., Ph.D. (Leipzig)	{	61 Melville Street, Edinburgh.

Date of Election.		ASSOCIATE MEMBERS.	
	1895 Feb. 5.	PRENDERGAST, PATRICK JOSEPH	Borough Surveyor, Athlone, Ireland.
✠	1885 Apr. 14.	*PRENTICE, ERNEST SAMUEL ..	Greystoke, The Avenue, Surbiton.
	1887 Dec. 6.	*PRENTICE, THOMAS THEOPHILUS	Waterworks, Lima, Peru.
	1901 Apr. 2.	PRESCOTT, WILLIAM HENRY ..	712 High Road, Tottenham, N.
	1897 Apr. 6.	PREST, WILLIAM .. .. .	Rockholme, Ben Rhydding, Leeds.
	1882 Feb. 7.	*PRESTIGE, SYDNEY .. .. .	{ Aberdeen House, Blackheath Park, S.E.
	1882 May 2.	{ PRESTON, EDWARD STUART, M.A. ( <i>Cantab.</i> ) .. .. .	49 Roland Gardens, S.W.
	1897 Mar. 2.	*PRESTON, FREDERICK KENNERLEY	{ Bradford Dyers' Association, Well Street, Bradford.
m ✠	1876 May 30.	*PRESTON, SIDNEY, C.I.E. ..	Secy. to Govt., P.W.D., Calcutta.
	1897 Dec. 7.	PRETTY, WILLIAM HENRY ..	Fell Side, Cutcliffe Road, Bedford.
	1898 Dec. 6.	PRICE, ALAN, B.A. ( <i>Dubl.</i> ) ..	15 Macquarie Place, Sydney, N.S.W.
	1893 Feb. 7.	*PRICE, ARTHUR BOYD .. ..	{ Marsland, Price & Co., Nesbit Road, Bombay.
	1897 Jan. 12.	{ *PRICE, GEORGE JOHN, B.A. ( <i>Dublin</i> ) .. .. .	
	1897 Apr. 6.	*PRICE, JAMES HENRY .. ..	{ Brompton & Piccadilly Ry., 8 Sher- wood Street, W.
	1886 Apr. 6.	PRICE, JOHN .. .. .	{ Bureau des Services Sanitaires Cairo.
	1894 May 1.	PRICE, JOSEPH .. .. .	125 Bunhill Row, E.C.
	1889 Jan. 8.	*PRICE, PETLEY LLOYD AUGUSTUS	Hayeswood, Pembury, Kent.
	1887 Jan. 11.	{ PRICE, WILLIAM ARTHUR, M.A. ( <i>Oxon.</i> ) .. .. .	The Mill House, Broomfield, Chelmsford.
	1891 Feb. 3.	PRICE, WILLIAM EDWARD ..	Gas Works, Hampton Wick.
	1891 Apr. 7.	*PRICE-WILLIAMS, JOHN MORGAN	{ Tees Valley Water Board, Grass- holme, Mickleton, Darlington.
	1891 Jan. 13.	PRICHARD, DAVID .. .. .	{ Brithwernydd, Penrlyn Dendraeth, N. Wales.
	1889 Dec. 3.	PRIDHAM, THEODORE .. ..	P.W.D., Sydney, N.S.W.
	1904 Apr. 12.	{ PRIESTMAN, HAROLD, M.Sc. ( <i>Victoria</i> ) .. .. .	Ashton Grove, Ashton-on-Mersey.
	1891 Mar. 3.	*PRIGG, HENRY VICTOR .. ..	6A Courtenay Street, Plymouth.
	1880 Jan. 13.	PRIMROSE, ADAM .. .. .	Caixa 403, Rio de Janeiro.
	1890 May 20.	*PRINCE, HERBERT WALTER ..	La Guaira Harbour, Venezuela.
	1888 Dec. 4.	*PRINSEP, REGINALD SEYMOUR	Junior Carlton Club, Pall Mall, S.W.
m	1898 Dec. 6.	*PRITCHARD, PHILIP MORRIS ..	United Alkali Co., Widnes.
	1903 Apr. 7.	{ PRIVETT, JASPER BENJAMIN JOSEPH .. .. .	28 Gap Road, Wimbledon, S.W.
✠	1889 Dec. 3.	*PROCTER, HERBERT TATHAM ..	32 Market Square, Lancaster.
	1894 Mar. 6.	PROCTOR, HAROLD FARADAY ..	Electric Light Station, Bristol.
	1896 Feb. 4.	PROCTOR-SIMS, ERNEST WILLIAM	P.W.D., Bhavnagar, Kathiawar, India.
	1898 Feb. 1.	*PROES, ERNEST MARINUS ..	P.W.D., Hyderabad, Sind.
	1902 Apr. 8.	PROPHET, JOHN DOWNIE ..	
	1879 Feb. 4.	*PROUSE, OSWALD MILTON ..	Alvington, Slade Road, Ilfracombe.
	1896 Dec. 1.	PROUT, WILLIAM MORRIS ..	Box 1, Knights, Transvaal.
✠	1887 Dec. 6.	*PROVIS, RICHARD .. .. .	{ 14 Penventon Terrace, Redruth, Cornwall.
	1878 Jan. 15.	PROVIS, THOMAS BAWDEN ..	The Dean, Saltash.
	1886 May 18.	PUCKERING, ROBERT COMINS ..	Britannia Ironworks, Gainsborough.
	1893 May 2.	{ PUIG DE LA BELLACASA Y SAN- CHEZ, NARCISO .. .. .	Serrano 30, Madrid.
m ✠	1892 Jan. 12.	{ *PULLEN, WILLIAM WADE FITZ- HERBERT .. .. .	4 Marlborough Road, Putney, S.W.
	1884 Dec. 2.	PULLON, JOSEPH THOMAS ..	75 Victoria Road, Headingley, Leeds.
	1899 Mar. 7.	PULMAN, THOMAS CHARLES ..	Grindlay & Co., Calcutta.
✠	1883 May 29.	*PUNCHARD, WILLIAM CHARLES	151 Cannon Street, E.C.
✠	1880 May 4.	{ PURCELL, GERVAISE, B.A. ( <i>Dubl.</i> ) .. .. .	412 Wilcox Building, Los Angeles, Calif., U.S.

Date of  
Election.

## ASSOCIATE MEMBERS.

1899 Jan. 10.	*PURSER, WALTER BISHOP ..	4 St. Peter's Hill, Grantham.
1904 Apr. 12.	PURVES, THOMAS JOLLY ..	45 Coleraine Road, Blackheath, S.E.
1893 May 2.	{ *PUTMAN, WILLIAM ERNEST YOUNG .. .. . }	Boro' Surveyor, Morley.
1885 Apr. 14.	*PUTTEN, ERNEST VAN .. ..	Town Hall, Catford, S.E.
1901 Feb. 5.	{ PYBUS, WILLIAM HENRY LAWSON .. .. . }	Govt. Rys., Maritzburg, Natal.
1893 Mar. 7.	*PYKE, LAZARUS .. .. .	10 Westbourne Terrace, Hyde Park,
1902 Jan. 14.	*PYNE, ALBERT PERIAM .. ..	Carr Hill House, Gateshead. [W.
1885 Dec. 1.	*PYNE, HERBERT BARRINGTON	Piedad 464, Buenos Aires.
1904 Apr. 12.	QUICK, ALBERT HEDLEY ..	15 Fernholme Road, Nunhead, S.E.
1895 Dec. 3.	QUODLING, WILLIAM JAMES ..	{ Railway Construction Works, Gun- dagai, New South Wales.
1891 Dec. 1.	RABADINA, DORABJEE BHIKHADJEE	B. B. & C. I. Ry., Bombay.
1887 Dec. 6.	RADCLIFF, EDWARD .. .. .	5 Upper Leeson Street, Dublin.
1896 Mar. 3.	RADCLYFFE, LESLIE .. .. .	35 Queen Victoria Street, E.C.
1897 Apr. 6.	{ RADDIN, GEORGE HENRY, B.E. (Royal) .. .. . }	Woodmancote, Fairfield Road, South- ville, Bristol.
1889 Jan. 8.	RADFORD, JOHN CHARLES ..	163 Upper Richmond Rd., Putney, S.W.
1884 Feb. 5.	RADFORD, WILLIAM HENRY ..	{ Albion Chambers, King Street, Nottingham.
1895 Feb. 5.	{ RADLEY, EDWARD YELF, B.A. (Oxon.) .. .. . }	27 Albert Hall Mansions, S.W.
1879 Mar. 4.	RADLEY, JOHN ALFRED .. ..	G. E. Ry., Thorpe, Norwich.
1898 Dec. 6.	RAFF, ALEXANDER CUMMING	{ Railway Dept., Brisbane, Queens- land.
1899 Dec. 5.	*RAIKES, HUGH PERCIVAL ..	{ 14 Francis Road, Edgbaston, Birmingham.
1903 Jan. 13.	*RAMSEY, ALBERT NORMAN ..	{ Caledonian Railway, Dock Extension Works, Grangemouth, N.B.
1892 Dec. 6.	{ *RAMUS, BERTRAM EDWARD DE NOUAL, B.A. (Cantab.) .. }	Playden Rectory, Rye, Sussex.
1896 Dec. 1.	RANDALL, AUGUSTUS CHARLES	13 Kendal Road, Colchester.
1876 May 30.	*RANDELL, JOHN WILLIAM ..	{ Grove House, Bagley's Lane, Ful- ham, S.W.
1894 Feb. 6.	*RANKEN, ARTHUR WILLIAM ..	{ Glen Logan, Heathside Road, Woking.
1884 Apr. 1.	*RANKIN, GEORGE .. .. .	{ Table Bay Harbour Works, Cape Town, C.C.
1874 Apr. 14.	RANKINE, DAVID .. .. .	238 West George Street, Glasgow.
WtMm✠ 1892 Dec. 6.	*RANSOM, HERBERT BYROM ..	{ Manlove, Alliott & Co., 41 Parlia- ment Street, S.W.
1890 Feb. 4.	{ *RANSOM, PETER AUGUSTUS, B.A. (Cantab.) .. .. . }	Grosvenor Lodge, Beckenham, S.E.
1896 Feb. 4.	RANSOME, FREDERICK STANLEY	{ Industrial Engineering Co., Newton, Hyde.
1894 May 22.	RANSOME, JOHN WILMER ..	{ Orwell Lodge, Lordship Terrace, Stoke Newington, N.
1892 Dec. 6.	RAO, KEKOBAD HORMASJEE ..	14 Bentinck Street, Calcutta.
1892 Dec. 6.	*RAPER, JOHN CHARLES DODGSON	G. I. P. Ry., Jubelpur, C.P., India.
1888 Mar. 6.	*RAPLEY, FREDERICK HARVEY ..	{ Pressed Steel Car Co., 24 Broad Street, New York, U.S.
1892 Dec. 6.	RATANJI, MANACKJI .. .. .	Port Trust, Bombay.
1893 Dec. 5.	*RATHBONE, ACHESON LYLE ..	Oakfield, Penny Lane, Liverpool.
1882 Feb. 7.	*RATHBONE, EDGAR PHILIP ..	Box 927, Johannesburg, Transvaal.
1886 Jan. 12.	*RATTRAY, DAVID CAMPBELL ..	L. & Y. Ry., Eng.'s Office, Man-
1838 Apr. 5.	RAVEN, VINCENT .. .. .	N. E. Ry., Darlington. [chester.



Date of Election.		ASSOCIATE MEMBERS.	
t	✠ 1890 May 20.	RAVENSHAW, HENRY WILLOCK	Rutland House, Hanwell, W.
	1886 Dec. 7.	*RAVES, BERTRAM ADAMS ..	R.E. Office, North Aldershot.
	1895 Apr. 2.	*RAVES, BRIAN ALBERT ..	R.E. Office, Archcliffe Fort, Dover.
	1885 Dec. 1.	*RAWSON, FREDERICK LAWRENCE	3 Budge Row, E.C. (Bank 123.)
	✠ 1902 Jan. 14.	{*RAYNER, EDWIN HARTREE, B.A. ( <i>Cantab.</i> ) .. .. .}	Tiviot Dale, Stockport.
	1891 Dec. 1.	*RAYNER, FRANK .. .. .	{1 Alexandra Road, Sherwood Rise, Nottingham.
	1904 Jan. 12.	READ, FRANK .. .. .	{Public Offices, Pentre, Rhondda, Glam.
	1884 Dec. 2.	*READ, HARRY VAUGHAN RUDSTON	{Broad St. Avenue, Blomfield St., E.C. (Valorem, London. Avenue 562.)
	1881 Feb. 1.	READ, RICHARD .. .. .	City Surveyor, Gloucester. [S.W.
m	1878 May 7.	*READ, RICHARD JOHN GIFFORD	1 Great Chapel Street, Westminster,
m	1882 Feb. 7.	*READ, ROBERT HENRY .. ..	{Cadogan Ironworks, Lots Road, Chelsea, S.W.
	1891 Feb. 3.	READE, JAMES FRANCIS .. ..	The Parade, Kilkenny, Ireland.
	1871 Apr. 4.	READE, THOMAS MELLARD ..	{Park Corner, Blundellsands, Liver- pool.
	1887 Dec. 6.	REES, FREDERICK HOWELL ..	{Govt. Rys., Victoria West, Cape Colony.
	1894 May 22.	REESON, JOSEPH NEWELL ..	{Gas Light & Coke Co., York Road, King's Cross, N.
	1903 Jan. 13.	*REEVES, RICHARD EAGLE ..	{40 St. Peter's Square, Hammer- smith, W.
	1895 Dec. 3.	REID, ALEXANDER .. .. .	{W. A. Reid, 6 Golden Square, Aberdeen.
	1892 Dec. 6.	REID, ANDREW . .. .	{McAlpine & Sons, 188 St. Vincent Street, Glasgow.
	1896 Feb. 4.	REID, DAVID JOHN .. .. .	{York House, Church Street, Inver- ness.
	1904 Jan. 12.	*REID, HAROLD .. .. .	26 Bramham Gardens, S.W.
	1894 Dec. 4.	REID, JOHN HENRY ONSLOW ..	Pauling & Co., Bulawayo, Rhodesia.
	1893 Dec. 5.	*REID, ROBERT NEWBY HARTLEY	c.o.H.S. King & Co., 65 Cornhill, E.C.
	1881 May 3.	*REILLY, FREDERICK, F.C.H. ..	Moss Lane, Pinner.
	1878 May 28.	{REINCKE, HANS RODERICH LEOPOLD .. .. .}	{2 Laurence Pountney Hill, E.C. (Bank 530.)
	✠ 1893 May 16.	*REINHOLD, GUSTAVE CHARLES	11 Hervey Road, Blackheath, S.E.
	1903 Apr. 7.	*RENFREE, THOMAS ROLLS ..	{Westinghouse Works, Trafford Park, Manchester.
	1882 Mar. 7.	RENWICK, CHARLES .. .. .	{Public Works Offices, Kingston, Jamaica.
	1902 Feb. 4.	RETTIE, ARCHIBALD CAMPBELL	Nile Reservoir, Assouan, Egypt.
	1893 May 2.	REVILL, WILLIAM HENRY ..	Beira Railway, Umtali, Rhodesia.
	1899 Dec. 5.	REYNOLDS, CHARLES HUBERT ..	{Crown Agent's Office, Downing Street, S.W.
	1894 May 1.	REYNOLDS, ERNEST JOHN ..	{3 Clarendon Villas, Beaconsfield Road, New Southgate.
m	1894 Dec. 4.	*REYNOLDS, FRANK PAUL ..	{Senora Donna Cembrano de Ossorio, 358 General Solano Street, San Miguel, Manila, Philippines.
	1898 Dec. 6.	{REYNOLDS, JOHN FRANCIS JODRELL .. .. .}	47 Victoria Street, S.W.
	1901 Mar. 5.	REYNOLDS, JOHN JAMES ..	18 Booth Street, Manchester.
	1890 Jan. 14.	*REYNOLDS, LESLIE HUNTER ..	Montecillo, Dunedin, N.Z.
	1886 Jan. 12.	*REYNOLDS, THOMAS BLAIR ..	28 Victoria Street, S.W.
	1900 Dec. 4.	*RHODES, BEN ALBERT .. ..	Hallas, Kirkburton, Huddersfield.
	1882 Dec. 5.	RICH, HOWARD .. .. .	
	1903 Jan. 13.	*RICH, THEODORE .. .. .	104 St. George's Square, S.W.
	1898 Apr. 2.	RICHARDS, EDWIN MELVILLE ..	Boro' Engineer, Warwick.
	1893 May 16.	*RICHARDS, HENRY FINES ..	Town Hall, Rochdale.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Apr. 11.	RICHARDSON, CECIL .. ..	W. Watson & Co., Bombay.
1887 Jan. 11.	*RICHARDSON, GEORGE RICHARD	{ Dawankuttie, Adelaide Rd., Surbiton.
1890 Feb. 4.	*RICHARDSON, HARRY .. ..	Council House, Handsworth, Staffs.
1897 Jan. 12.	RICHARDSON, HARRY ALFRED	Elsinore, Heaton, Bolton.
1904 Apr. 12.	{ *RICHARDSON, HERBERT LINDSLEY, B.A. ( <i>Cantab.</i> ) .. ..	Richardson and Cruddas, Bombay.
1897 Apr. 6.	{ RICHARDSON, JOHN WILLIAM MELLING .. ..	{ Waterworks, 52 Balls Road, Birkenhead.
1893 May 16.	RICHARDSON, WILLIAM ARTHUR	{ Glen Heather, Dryburgh Road, Putney, S.W.
1885 May 5.	*RICKETTS, DASHWOOD POYNTZ	c.o. H.B.M. Consul, Tientsin, China.
1900 Mar. 6.	*RICKMAN, JAMES, M.A. ( <i>Cantab.</i> )	14 Walbrook, E.C.
1897 Jan. 12.	RIDLEY, CLARENCE OLIVER .. ..	8 Great George Street, S.W.
1886 Mar. 2.	*RIDLEY, MARTYN NOEL .. ..	11 Dartmouth St., Westminster, S.W.
1900 Dec. 4.	RIGBY, ARTHUR BERTRAM .. ..	9 Holland Park Mansions, W.
1897 Feb. 2.	{ *RIGBY, EDWARD HULME, B.Sc. ( <i>Victoria</i> ) .. ..	Brooklands, Maghull, Liverpool.
1904 Jan. 12.	*RIGG, FREDERICK JAMES .. ..	{ N.E.Ry. Dock Engineer's Office, Hull.
1902 Mar. 4.	{ *RISHWORTH, FRANK SHARMAN, B.A., B.E. ( <i>Royal</i> ) .. ..	Polytechnic School of Engineering, Cairo.
1888 Jan. 10.	RISTORI, EMANUEL JOSEPH .. ..	{ 66 Victoria Street, S.W. (Ristori, London. Westminster 5058.)
1899 Dec. 5.	RITCHIE, EDGAR GOWAR .. ..	{ Metropolitan Board of Works, 501 Collins St., Melbourne, Victoria.
1885 Apr. 14.	RITSON, THOMAS NOBLE .. ..	{ 1 West Cliff Villas, West Cliff Road, Ramsgate.
1900 Dec. 4.	RIVERS, CHARLES EDWIN .. ..	Municipal Offices, Harrogate.
1890 Feb. 4.	*ROACH, WILLIAM LLOYD .. ..	District Council, Tredegar, Mon.
1890 Mar. 4.	*ROBERTS, CHARLES, F.C.H. .. ..	{ Nacoochee Hills Gold Mining Co., Nacoochee, Ga., U.S.A.
1898 Apr. 5.	ROBERTS, FRANK .. ..	{ Boro' and Water Engineer, Worthing.
1896 May 19.	*ROBERTS, GERVASE HENRY .. ..	{ Gas Dept., Locomotive Works, Horwich.
1897 Mar. 2.	ROBERTS, HAMLET .. ..	Waterworks, Ipswich.
1897 Feb. 2.	ROBERTS, JOHN .. ..	28 Fisher Street, Swansea.
1892 Dec. 6.	ROBERTS, JOHN BROAD .. ..	Box 2015, Johannesburg, Transvaal.
1892 Dec. 6.	{ *ROBERTS, JOHN MARRIS, B.A.I. ( <i>Dubl.</i> ) .. ..	{ G. S. & W. Ry., 5 Alexandra Terrace, Military Rd., Limerick.
1891 Jan. 13.	ROBERTS, LOUIS EDGAR .. ..	{ 23 Salisbury Road, Chorlton-cum-Hardy, Manchester.
1890 Dec. 2.	{ *ROBERTS, REUBEN WILLIAM, F.C.H. .. ..	Reform Club, Pall Mall, S.W.
1886 Dec. 7.	{ ROBERTS, RICHARD GABBETT SPIERS .. ..	{ 7 Belgrave Place, Richmond Park, Clifton, Bristol.
1904 Jan. 12.	*ROBERTS, ROBERT CORYTON .. ..	{ Kennedy & Jenkin, 17 Victoria Street, S.W.
1893 Dec. 5.	*ROBERTSON, ALEXANDER GORDON	29 Samos Road, Anerley, S.E.
✠ 1899 Dec. 5.	ROBERTSON, ANDREW ROBERT	8 Park Circus Place, Glasgow.
1892 May 3.	{ ROBERTSON, FULTON, B.Sc. ( <i>Edin.</i> ) .. ..	{ Price, Wills & Reeves, New Dock Works, Bombay.
1891 May 12.	{ *ROBERTSON, GEORGE THOMPSON, B.Sc. ( <i>Edin.</i> ) .. ..	Lautaro Nitrate Co., Taltal, Chile.
1896 May 5.	{ ROBERTSON, HORACE PATRICK, M.C.E. ( <i>Melb.</i> ) .. ..	{ Box 88, Kalgoorlie, Western Australia.
1904 Apr. 19.	ROBERTSON, JOHN KERR .. ..	121 St. Vincent Street, Glasgow.
1880 Dec. 7.	*ROBINS, EDWARD .. ..	{ c/o H. P. Becher, 26 Bedford Row, W.C.
1894 Feb. 6.	*ROBINS, FREDERICK SANDERSON	5 Horncastle Road, Boston, Lincs.
1888 Dec. 4.	ROBINS, WILLIAM HENRY .. ..	82A New Street, Birmingham.

Date of  
Election.

## ASSOCIATE MEMBERS.

1890 Mar. 4.	{ ROBINSON, ARTHUR SAMUEL } FRANCIS .. .. .	The White House, Barsham, Beebles.
1892 Dec. 6.	ROBINSON, ERNEST GEORGE ..	{ F. C. del Sud, Casa Amarilla, Buenos Aires. [S.W.]
1894 Feb. 6.	ROBINSON, FREDERICK FOLEY	1 Telford Avenue, Streatham Hill,
1904 Apr. 12.	ROBINSON, HERBERT .. ..	{ Redpath, Brown and Co., Riverside Works, East Greenwich, S.E.
1880 Dec. 7.	ROBINSON, HUGH CECIL .. ..	35 St. James' Place, S.W.
1887 Feb. 1.	ROBINSON, JAMES .. .. .	P.W.D., Bhagulpore, Bengal.
1882 Dec. 5.	*ROBINSON, JOHN NEWMAN ..	{ B. & N. W. Ry., Saidpur, N.W.P., India.
1895 Feb. 5.	*ROBINSON, JOSEPH PETER ..	8 Trafalgar Rd., Birkdale, Southport.
1895 Dec. 3.	*ROBINSON, KEITH .. .. .	Parliament Mansions, Victoria St.,
1896 Dec. 1.	ROBINSON, LEIGH .. .. .	S.W. [Town, C.O.]
1904 Jan. 12.	*ROBINSON, RALPH .. .. .	E. Nuttall & Co., Box 1597, Cape
1883 Dec. 4.	*ROBINSON, RICHARD SYER ..	{ 6 Josephine Avenue, Brixton Hill, S.W. [Bay.]
1882 May 2.	ROBINSON, WILLIAM FLETCHER	Golding, Upper Promenade, Colwyn
1902 Dec. 2.	*ROBINSON, WILLIAM HUBERT ..	Skiddaw Grove, Keswick.
1899 Jan. 10.	ROBINSON, WILLIAM PAGE ..	{ 31 High Street, Skelton-in-Cleve- land.
1904 Apr. 12.	*ROBSON, THOMAS .. .. .	53 Camborne Grove, Gateshead.
1896 Feb. 4.	ROBSON, THOMAS PEARSON ..	St. Bedes, Hermon Hill, S. Woodford.
✠ 1898 Dec. 6.	{ ROCHE, EDWARD RICHARD, } B.A.I. (Dubl.) .. .. .	Clifton House, Portland Avenue, Exmouth.
1888 Dec. 4.	ROCHFORD, JAMES .. .. .	Napier, N.Z.
1897 Dec. 7.	RODDA, JOSEPH TONKIN ..	Woodbank, Grove Road, Eastbourne.
1885 May 19.	*RODEN, HORACE HASSALL ..	58 Pennsylvania Road, Exeter.
1901 Dec. 3.	*RODWELL, FREDERICK JOHN ..	41 Prudential Buildings, Leeds.
1900 Dec. 4.	{ ROE, RICHARD DARTNELL } TENNANT .. .. .	Oficina Compañia, Zapiga, Iquique, Chili.
✠ 1900 Dec. 4.	{ *ROGERS, ARTHUR EDWARD, } B.A. (Oxon.) .. .. .	11 Ennismore Gardens, S.W.
1895 Jan. 8.	*ROGERS, GEORGE SAMUEL WYON	{ R. E. Office, Tidworth House, near Andover.
1893 Dec. 5.	ROGERS, JOHN .. .. .	A.M.P. Chambers, Christchurch, N.Z.
1891 Dec. 1.	ROGERS, OLIVER HERBERT ..	{ Eng.-in-Chief's Office, Adelaide, S. Australia.
1888 Dec. 4.	{ ROGERS, RALPH BARON, } M.A. (Oxon.) .. .. .	Hexworthy, Launceston, Cornwall.
1902 Apr. 8.	ROGERSON, ALBERT CHORLEY ..	{ Claremont, Curzon Avenue, Victoria Park, Manchester.
1891 Feb. 3.	{ *ROGERSON, JOHN EDWIN, } B.A. (Cantab.) .. .. .	Croxdale Hall, Durham.
1902 Jan. 14.	{ ROGET, SAMUEL ROMILLY, } M.A. (Cantab.) .. .. .	Falkland House, Cheniston Gar- dens, Kensington, W.
1890 Apr. 1.	RÖHE, CHRISTIAN HEINRICH ..	{ Campinas, Estado de Sao Paulo, Brazil.
1872 May 14.	ROMAÑA, EDWARD L. DE ..	G. Stafford & Co., Arequipa, Peru.
1878 Mar. 5.	ROMANES, GEORGE .. .. .	Craigknowe, Slateford, N.B.
1899 Mar. 7.	ROOKE, THOMAS .. .. .	{ c.o. Town Clerk, Town Hall, Sydney, N.S.W.
1900 Jan. 9.	*ROOTS, NEVILLE .. .. .	47 Primrose Hill, Tonbridge.
1886 Apr. 6.	*ROPER, JOHN SIMPSON .. ..	32 Market Square, Lancaster.
1903 Apr. 7.	ROSE, CECIL GUY .. .. .	Rayners, Penn, Bucks.
1888 Jan. 10.	*ROSE, GEORGE PRINGLE, C.I.E.	c.o. H.S. King & Co., Pall Mall, S.W.
1886 Apr. 6.	ROSE, JAMES WILMOT ANDREAS	{ Central South African Rys., Pre- toria, Transvaal.
1900 Apr. 3.	ROSENBUSCH, GILBERT .. ..	5 Lee Terrace, Blackheath, S.E.
1904 Jan. 12.	{ *ROSENTHAL, FREDERICK } MICHAEL BARBANEL .. ..	H.H. the Nizam's State Ry. Co., Secunderabad, India.



Date of Election.		ASSOCIATE MEMBERS.	
1902 Feb. 4.	*	ROSEVEARE, LESLIE.. ..	City Engineer's Office, Birmingham.
1903 Jan. 13.	*	ROSHER, EDWARD MARSHALL	{ Cape Government Railways, Heavy Junction, Rhodesia.
1891 Mar. 3.	*	{ ROSS, COLIN JOHN, B.E., B.Sc. (Edin.) .. ..	Town Hall, North Sydney, N.S.W.
1901 Apr. 23.	*	ROSS, DAVID WILLIAM .. ..	
1889 Dec. 3.	*	ROSS, FRANCIS EDWARD .. ..	{ 39 Halkyn Avenue, Sefton Park, Liverpool.
1889 Jan. 8.		ROSS, JOHN CLARK .. ..	{ Town Engineer, Warrnambool, Victoria.
1899 Dec. 5.	*	{ ROSS, JOHN KEITH, M.A., B.Sc. (Edin.) .. ..	136 St. Thomas Road, Preston.
1890 Feb. 4.	*	ROSS, PERCIVAL .. ..	{ Farfield Mount, Buttershaw, Bradford.
1894 Feb. 6.		ROSS, WILLIAM, B.A.I. (Dubl.)	66 North Wall, Dublin.
1890 Dec. 2.		ROSSBACH, WILLIAM .. ..	{ Harbours & Rivers Dept., Sydney, N.S.W.
1877 Mar. 6.		ROTHWELL, RICHARD MARSHALL	Ellerslie, Summertown, Oxford.
1896 Jan. 14.	*	ROTTER, EDWD. RICHD. ERNEST	Town Hall, Portsmouth.
1899 Mar. 7.		ROUSE, FRANCIS JAMES .. ..	Madras Ry., Nellore, S. India.
1884 Feb. 5.	*	{ ROUSE, HENRY GEORGE ARCHIBALD .. ..	Norton, Haslemere Rd., Crouch End, N.
1890 Apr. 1.		ROUTH, WILLIAM POLE .. ..	Oakfield, Southern Hill, Reading.
1894 Dec. 4.	*	{ ROVSING, CHRISTIAN MARTIN CRONE, M.A. (Copenhagen), Capt. Siamese R.E. retired.	141 Ashley Gardens, S.W.
1878 May 7.		ROWAN, ARTHUR HILL .. ..	
✠ 1886 Apr. 6.		ROWAN, FREDERICK JOHN .. ..	{ 71a West Nile Street, Glasgow. (Barnacles, Glasgow.)
1900 Feb. 6.		ROWAND, ROBERT .. ..	20 St. John's Square, Wakefield.
1895 Jan. 8.		ROWE, DANIEL .. ..	Ivy Villa, Albany Road, Redruth.
1893 Feb. 7.	*	{ ROWNEY, GEORGE ANSELM HENRY, B.E. (Royal) .. ..	D.P.W., Sewerage Branch, Sydney, N.S.W.
1900 Apr. 3.		ROY, THOMAS .. ..	{ Chief Engr., Grand Junction Rys., Cape Town, C.C.
1893 Mar. 7.	*	{ ROYAL-DAWSON, FREDERICK GEORGE .. ..	Agra - Delhi Chord Ry., Delhi, Punjab. [Nottingham.
1897 Jan. 12.	*	ROYLE, FREDERICK MURRAY ..	Milton Chambers, Milton Street,
1893 Jan. 10.	*	ROYLE, STANLEY ARTHUR ..	City Surveyor's Office, Manchester.
1889 Apr. 2.	*	ROZARIO, LOUIS CHARLES DO	Rozario & Co., Hong Kong.
1897 Apr. 6.		RUDGARD, HENRY JOHN .. ..	Eng.'s Office, N.E. Ry., York.
1900 Dec. 4.		RUDGARD, WILLOUGHBY DOUGLAS	Engineer's Office, N.E. Ry., York.
1901 Dec. 3.	*	RUDGE, CHARLES HENRY .. ..	26 Twyford Avenue, Acton, W.
1902 Dec. 2.	*	RUGG, LEWIS HENRY .. ..	19 Dryburgh Road, Putney, S.W.
1887 Dec. 6.		RUMSEY, HERBERT .. ..	{ Clarendon, Strafford Road, Twickenham.
1895 Apr. 2.	*	RUNDALL, WILLIAM HARRY ..	{ Taquah & Abosso Gold Mining Co., Tarkwa, Gold Coast.
W t ✠ 1879 Feb. 4.		RUNEBERG, ROBERT .. ..	{ Bureau Vega, Liteinij pr. 57, St. Petersburg. (Runeberg, Petersburg.)
1895 May 21.		RUSHWORTH, JOSEPH .. ..	{ 35 Beechfield Road, Harringay Park, N.
✠ 1887 Apr. 5.	*	RUSSELL, ARTHUR JAMES ..	{ August Strunz, Barranquilla, U.S. Colombia.
t ✠ 1892 Feb. 2.		RUSSELL, CHARLES NEWTON ..	29 Southwood Avenue, Highgate, N.
1885 Jan. 13.	*	RUSSELL, STUART ARTHUR ..	Kingswood, Coventry Road, Ilford, E.
1901 Apr. 2.	*	RUSSELL, THOMAS WILLIAM ..	{ Admiralty, 21 Northumberland Avenue, W.C.
1876 Feb. 1.	*	RUSSELL, WILLIAM .. ..	9 Victoria Street, S.W.
1894 May 1.	*	RUTTER, CHARLES HERBERT ..	Gas Co., Portslade, Sussex.

Date of  
Election.

## ASSOCIATE MEMBERS.

1889 Mar. 5.	{ *RYGATE, PHILIP WILLIAM, } M.A., B.E. ( <i>Sydney</i> ) .. .. }	322 George Street, Sydney, N.S.W.
1897 Jan. 12.	*RYMAN, FREDERICK ROBERT	Boro' Surveyor, Stamford.
1899 Apr. 11.	*RYVES, REGINALD ARTHUR ..	Milton Cottage, Harlow, Essex.
1889 Feb. 5.	SADLER, HENRY .. .. .	H.M. Dockyard, Keyham, Devonport.
1892 Dec. 6.	SADLER, WILLIAM WINDHAM	General Buildings, Perth, N.B.
1894 Feb. 6.	*SAHNI, BHAGAT RAM .. ..	Sirhind Canal, Ludhiana, India.
1904 Jan. 12.	{ *ST. JOHN-KNELLER, OLIVER } ARTHUR GODFREY .. .. }	H. M. Dockyard, Devonport.
1896 Feb. 4.	SAISE, ALFRED JOHN .. ..	District Council, Kingswood, Bristol.
1893 Apr. 11.	SALIS, HENRY RODOLPH DE ..	Ivy Lodge, Iver Heath, nr. Uxbridge.
1902 Apr. 8.	{ *SALMON, CHARLES EMILE } HERBERT .. .. . }	B. & N. W. Ry., Gorakhpur, India.
1904 Apr. 12.	SALMOND, THOMAS MILLAR ..	64 Emma Place, Stonehouse, Devon.
1897 Apr. 6.	*SALMOND, WILLIAM .. .. .	79 Lynton Avenue, West Ealing, W.
1891 May 5.	*SALTER, ARTHUR JOSEPH ..	35 Lewisham Rd., Highgate Rd., [N.W.]
1890 Jan. 14.	*SALTMARSH, LIONEL .. ..	Saltmarsh, Howden.
1891 Feb. 3.	*SAMPLE, JOHN THOMAS HORNSBY	423 Hawthorne Road, Bootle.
1904 Apr. 12.	*SAMUEL, RANDOLPH JOHN ..	29 Ramsbottom Road, Horwich.
† 1899 Dec. 5.	SAMUELSON, BERNHARD MARTIN	Thos. Cook & Son, Rangoon, Burma.
1902 Jan. 14.	*SANDBERG, CHRISTEN PETER, JUN.	9 Bridge Street, Westminster, S.W.
1891 Feb. 3.	{ *SANDERS, EVELYN FRANCIS, } B.A.I. ( <i>Dubl.</i> ) .. .. . }	Bengal-Nagpur Ry., Sini Station, India. [Abingdon.]
1887 May 3.	*SANFORD, HENRY WILLIAM ..	The Holme, Clifton Hampden,
1898 Apr. 5.	*SANGSTER, WILLIAM PETER ..	P.W.D., Rasul, Gujrat, Punjab.
1902 Feb. 4.	SANO, TOJIRO .. .. .	City Waterworks, Kobe, Japan.
1889 Feb. 5.	*SANT, WILLIAM ELOIN .. ..	{ Wortley, Mais & Sant, Kingston, Jamaica.
1902 Dec. 2.	*SARGE, ROBERT ARTHUR .. ..	Naylor Brothers, Ulleskelf, near
1893 Dec. 5.	*SARGEANT, EDWARD FRANK ..	Lower Street, Stroud, Glos. [York.
1895 Dec. 3.	*SARGENT, HARRY LIONEL ..	{ 132 Salisbury House, London Wall, E.C.
1885 May 19.	SARTORIS, LEONARD .. .. .	6 Ovington Gardens, S.W.
1881 Jan. 11.	*SAUBERGUE, ARTHUR DE .. ..	Dorking, Surrey.
1892 Mar. 1.	*SAUNDERS, ERNEST EDWARD ..	Improvements Co., Rio de Janeiro.
1890 Dec. 2.	{ *SAUNDERS, FREDERICK WALTER } THEODOR .. .. . }	Government Railways, Cape Town, C.C.
1902 Mar. 4.	*SAUNDERS, HAROLD JACOB ..	Box 530, Johannesburg, Transvaal.
1880 May 25.	*SAUNDERS, HENRY JOHN .. ..	{ c.o. John Girdwood, 18 St. Swithin's Lane, E.C.
1902 Dec. 2.	SAUNDERS, JAMES .. .. .	{ Imperial Chambers, Newark-on-Trent.
1900 Dec. 4.	{ SAUNDERSON, EDWIN DEBEDICK, } B.A.I. ( <i>Dubl.</i> ) .. .. . }	Lucien Road, Tooting Common, S.W.
1896 Apr. 14.	SAUNDERSON, FREDERICK .. ..	{ Oriel Cottage, Selborne Road, Douglas, Isle of Man.
1892 Feb. 2.	SAVAGE, EDWARD BALLARD .. ..	{ Sewerage Dept., Council House, Birmingham.
† 1886 Jan. 12.	SAVAGE, HUGH .. .. .	{ Rue Ferdinand Nicolai, Seraing, Belgium.
1895 Dec. 3.	SAVAGE, WILLIAM .. .. .	77 Beech Street, Crewe.
1895 Jan. 8.	SAVAGE, WILLIAM HENRY .. ..	Montfichet, East Ham, Essex.
1882 Feb. 7.	SAVICH, ESTEVAO .. .. .	Via Faentina 133, Florence.
c † 1895 Dec. 3.	*SAVILE, LEOPOLD HALLIDAY ..	Junior Carlton Club, Pall Mall, S.W.
1901 Apr. 23.	{ *SAVILE, WILLIAM HENRY } BOURCHIER .. .. . }	Dock Engineer's Office, Cumberland Basin, Bristol.
1889 Dec. 3.	*SAVOURS, WILLIAM MATHEW ..	{ Woodlands, St. Martin's Road, Caerphilly, Cardiff.

Date of Election.	ASSOCIATE MEMBERS.
1887 Mar. 1.	*SAXBY, JAMES .. .. Creil, Oise, France.
1876 Feb. 1.	SAXTON, HENRY WARING .. New Plymouth, New Zealand.
1892 Jan. 12.	SAXTON, THOMAS RICHARD .. 43 East Bank, Stamford Hill, N.
1904 Jan. 12.	*SAYERS, REUBEN MARCHANT.. 7 St. Peter's Square, W.
1895 Dec. 3.	SCAIFE, THOMAS EARLE .. .. { Irrigation Engineer, Robertson, Cape Colony.
1894 Dec. 4.	SCHARSCHMIDT, SAMUEL THOMPSON Hanbury, Shooter's Hill, Jamaica.
1892 Mar. 1.	{ SCHÉLE, ERNST GEORGE } Jönköping, Sweden.
	{ ANGANTYR .. .. }
1896 Feb. 4.	SCHENK, CHARLES EDWARD .. 6 Gwydr Terrace, Swansea.
1893 Apr. 11.	SCHLOESSER, ROBERT .. .. { Max Gorler, Messrs. Branders Goldschmidt, 60 Queen Street, Melbourne, Victoria.
1890 May 6.	{ SCHNEIDER, WILLIAM MARS- } 1 Sydney Terrace, Ryde, I.W.
	{ LAND FRANCIS, M A. (Cantab.) }
1891 Mar. 3.	SCHOFIELD, GEORGE ANDREW Minna Cottage, Hunstanton.
1897 Mar. 2.	{ SCHOFIELD, WILLIAM HIGGIN- } Fairlawn Road, Lytham, Lancs.
	{ SON .. .. }
✠ 1902 Mar. 4.	SCHOLEFIELD, RUSSELL SCOTT { Carlton Villas, Hungerford Road, Crewe.
1887 May 3.	SCHOLES, EDWARD HORATIO .. 60 Manchester Road, Bury, Lancs.
1886 May 4.	{ *SCHÖNBERG, ALEXANDER } 28 Victoria Street, S.W. (Quayage, London.)
	{ CHARLES .. .. }
1888 May 1.	SCHURR, ALBERT EBENEZER .. { Fry, Miers & Co., 5 Laurence Pountney Hill, E.C.
1889 Feb. 5.	SCHUSTERSCHITZ, FRANCISCO .. Belem, Para, Brazil.
1894 Dec. 4.	*SCHWARTZ, ALFRED .. .. { Municipal Technical School, Manchester.
1893 Dec. 5.	SCHWOERER, EMILE .. .. Colmar, Alsace, Germany.
1891 Apr. 7.	*SCLATER, ARTHUR WILLIAM .. 182 Oxford Street, W.
1878 May 28.	SCLAVERANI, MICHELANGELO .. { Società Nazionale delle Officine, Savigliano, Italy.
1880 Dec. 7.	*SCOBIE, MACKAY JOHN .. .. { P.W.D. Secretariat, Rangoon, Burma.
1894 Feb. 6.	*SCONCE, HENRY ARCHIBALD KERR { Rajputana-Malwa Railway, Jeypore, India.
1877 Dec. 4.	*SCOTT, CECIL .. .. Municipality, Rangoon, Burma.
1892 Dec. 6.	*SCOTT, CECIL GRAHAM .. .. Apperley Cliff, Shanklin, I.W.
1900 Dec. 4.	{ SCOTT, CHARLES VICTOR } P.W.D., Delhi, Punjab.
	{ GEORGE, B.A.I. (Dubl.) ... }
1899 Apr. 11.	{ SCOTT, CHARLES WILLIAM, } The Rectory, Bray, co. Wicklow.
	{ B.A.I. (Dubl.) .. .. }
1882 Mar. 7.	SCOTT, DONALD ALBERT .. .. { Beaconsfield House, Hingham, Norfolk.
m ✠ 1899 Feb. 7.	SCOTT, ERNEST KILBURN .. .. { Beesfield House, near Farningham, Kent.
1883 Dec. 4.	SCOTT, FRANK WALTER .. .. Woodcliffe House, Burgess Hill, N.W.
1880 May 25.	*SCOTT, HUGH HAMILTON .. .. Town Hall, Hove, Brighton.
✠ 1886 Dec. 7.	SCOTT, JESSE FRENCH .. .. 206 Stanstead Rd., Forest Hill, S.E.
1892 Mar. 1.	SCOTT, ROBERT SMITH .. .. Town Surveyor, Bishop Stortford.
1887 Apr. 5.	SCOTT, WILLIAM ARCHIBALD .. 11 Alexandra Road, Southport.
1891 Dec. 1.	{ *SCOVELL, CHARLES THORNTON } [Delhi.
	{ RENNIE .. .. }
1895 Dec. 3.	SCRATCHLEY, ARTHUR JAMES P.W.D., Western Jumna Canal,
1884 Dec. 2.	SCRATCHLEY, HERBERT ARTHUR { British Vice-Consul, Philippeville, Algeria.
1895 Apr. 2.	SCRATTON, ALFRED .. .. F. C. del Sud, Buenos Aires.
1878 Apr. 2.	*SCRIVEN, CHARLES WALTER .. 12 Trossachs Rd., East Dulwich, S.E.
1894 Mar. 6.	SCRUTTON, LINDSAY .. .. 918 Hayward Building, San Francisco, U.S.
1904 Jan. 12.	*SEAGER, JAMES ALBERT .. .. { Charing Cross & City Electric Co., Marshgate Lane, Stratford, E.



Date of  
Election.

## ASSOCIATE MEMBERS.

m	1894 Feb. 6.	*SEALY-ALLIN, AURIOL .. ..	State Engineer, Vizianagram, Madras.
	1895 Apr. 2.	SEAMAN, CHARLES JOSEPH .. ..	{ Newton Heath Ironworks, near Manchester.
	1903 Apr. 7.	*SEARLE, BASIL JAMES .. ..	49 Carleton Road, Tufnell Park, N.
	1874 Mar. 3.	*SEARLE, JOHN COOMBE .. ..	92 Madeley Road, Ealing, W.
	1894 Dec. 4.	*SEARS, ROBERT HUMPHRY .. ..	East Indian Railway, Calcutta.
	1887 Dec. 6.	SEATON, WILLIAM SHARPEY .. ..	{ Montague House, Richmond, S.W. (Seaton, Richmond.)
	1894 Feb. 6.	*SEGRAIS, PAUL LE JUGE DE .. ..	{ Mare aux Vacoas Waterworks, Curepipe, Mauritius.
M m ✚	1889 Dec. 3.	{ *SEGUNDO, EDWARD CARSTENSEN DE .. .. .	{ 267 Dashwood House, New Broad Street, E.C. (Awesome, London. Central 2686.)
	1889 Feb. 5.	SENGOKU, MITSUGU .. ..	Kiushiu Ry., Moji, Japan.
M ✚	1884 May 27.	*SENNETT, ALFRED RICHARD .. ..	Seacroft, West Worthing.
	1896 May 5.	SETTLE, JAMES AINSWORTH .. ..	Boro' Engineer, Heywood.
	1895 May 21.	SETTLE, JOEL .. ..	The Hill, Alsager, Stoke-on-Trent.
	1896 Dec. 1.	*SETTLE, JOSEPH RISLEY .. ..	H.M. Naval Yard, Gibraltar.
	1893 Dec. 5.	SEVERN, WILLIAM HENRY .. ..	9 Bridge St., Westminster, S.W.
	1880 Jan. 13.	*SEWELL, HENRY DE QUINCY .. ..	29 St. Mary St., Toronto, Canada.
	1902 Apr. 22.	*SHACKLE, CHARLES EDWARD .. ..	{ Engineer's Office, G. W. Railway, Paddington, W.
	1886 Apr. 6.	SHACKLEFORD, ARTHUR LEWIS .. ..	Ampton Lodge, Edgbaston.
	1903 Apr. 7.	*SHACKLETON, WILLIAM .. ..	Borough Engineer's Office, Hanley.
	1904 Jan. 12.	{ *SHADWELL, LANCELOT HORACE AUGUSTUS .. .. .	{ Harbour Department, Durban, Natal.
	1903 Apr. 7.	SHANAN, CHARLES HENRY .. ..	{ Electricity Works, Dickinson Street, Manchester.
	1882 Apr. 4.	*SHAND, JAMES TILLEY .. ..	75 Upper Ground Street, S.E.
	1893 Jan. 10.	*SHARMAN, JOHN ROXBURGH .. ..	14 Queen Street, Edinburgh.
	1893 Dec. 5.	*SHARMAN, PHILIP ALAN .. ..	113 Cannon Street, E.C.
t ✚	1887 Dec. 6.	*SHARP, ARCHIBALD, B.Sc. (Lond.) .. ..	15 Bridge Road, Hammersmith, W.
	1893 Feb. 7.	*SHARP, FREDERIC DAVID .. ..	{ Bryn-clydach, Ynysybwl, Pontypridd.
✚	1879 Feb. 4.	SHARP, WILLIAM .. ..	Invercargill, New Zealand.
	1887 Apr. 5.	SHARPE, ROBERT .. ..	Annville, Knockbreda Park, Belfast.
	1900 Feb. 6.	SHARPE, ROBERT JOHN BEVIL .. ..	36 Lexham Gardens, W.
✚	1900 Apr. 3.	SHARPE, WILLIAM, B.Sc. (Glas.) .. ..	{ Engineer-in-Chief's Office, Government Rys., Pietermaritzburg, Natal.
	1885 May 19.	*SHAW, EDWARD .. ..	Elm Lodge, Bexley.
	1890 Dec. 2.	SHAW, FREDERICK GEORGE .. ..	{ 11 Neville Court, Abbey Road, N.W.
	1886 Jan. 12.	*SHAW, GEORGE HERBERT .. ..	Trinity House, Tower Hill, E.C.
	1890 Apr. 1.	*SHAW, HERBERT .. ..	Urban District Council, Ilford, E.
	1888 Dec. 4.	SHAW, JAMES JOSEPH .. ..	
	1899 Dec. 5.	*SHAW, JOHN .. ..	{ Engineers' Office, S.E. & C. Ry., Ashford.
	1886 Feb. 2.	SHAW, JOHN HOWARD .. ..	Bracklyn, Poole Road, Bournemouth.
	1897 Apr. 6.	*SHAW, WILLIAM BARBOURE .. ..	{ 224 St. Vincent Street, Glasgow (National, 1650 Argyle).
	1899 Dec. 5.	*SHAW, WILLIAM CAMPBELL .. ..	Danesbury, Hinckley Rd., Duneaton.
	1877 Apr. 10.	*SHAW, WILLIAM EDWARDS .. ..	Albrighton, near Wolverhampton.
	1900 Dec. 4.	*SHAWCROSS, ROBERT ELLIS .. ..	{ 164 Oakwood Court, Melbury Road, W.
	1904 Feb. 2.	{ *SHAXBY, RICHARD UNDERDOWN, B.A. (Cantab.), B.Sc. (Lond.) .. .. .	{ 51 South John Street, Liverpool.
	1895 Jan. 8.	*SHEARD, WILLIAM CURWEN .. ..	{ Stonelea, Newtown, New Mills, Stockport.
	1882 Dec. 5.	*SHEARS, JAMES CHARLES .. ..	7 Uxbridge Road, Surbiton.
	1899 Dec. 5.	*SHEFFIELD, FREDERICK GERARD .. ..	{ Swiftbrook Mills, Saggart, co. Dublin.

Date of Election.		ASSOCIATE MEMBERS.	
m	✠ 1894 Dec. 4.	*SHEFFIELD, GEORGE HARRISON	{ 15 New Bridge Street, Newcastle-on-Tyne.
✠	1895 Apr. 2.	{ *SHEILDS, FRANCIS ERNEST WENTWORTH .. .. . }	{ Engineer's Office, New Dock Works, Southampton.
	1888 Feb. 7.	SHELDON, FRANK .. .. .	Wells, Somerset.
	1887 Dec. 6.	SHELDON, PERCY JOHN .. .. .	The Chantry, Springfield, Chelmsford.
	1895 May 21.	*SHEPHERD, JOSEPH .. .. .	{ 80 Prince of Wales Mansions, Battersea Park, S.W.
	1903 Jan. 13.	*SHEPHERD, JOSEPH .. .. .	Engineer's Office, N.E. Ry., York.
t	✠ 1883 Feb. 6.	SHEPPARD, HERBERT GURNEY	Stores Dept., State Rys., Cairo.
	1892 Dec. 6.	SHEPPARD, THOMAS CLIVE .. .. .	Obras Publicas, La Paz, Bolivia.
	1883 Jan. 9.	SHERMAN, CHARLES BELLI BIVAR	{ Holland House, Albury Heath, Guildford.
	1902 Apr. 8.	*SHETTL, WILLIAM CROASDILL	{ Burstall & Monkhouse, 14 Old Queen Street, Westminster, S.W.
✠	1897 Dec. 7.	{ *SHIELDS, WILLIAM HERBERT, B.Sc. (Glas.) .. .. . }	{ P.W.D., Perth, Western Australia.
	1892 May 3.	SHIRLAW, ANDREW .. .. .	{ Wellington Road, Handsworth, Birmingham.
	1883 May 1.	SHORT, FRANCIS JOB .. .. .	56 Brook Green, W.
	1896 Dec. 1.	{ *SHORTLAND, CHARLES VINCENT NIXON .. .. . }	{ Bengal-Nagpur Ry., Jenapur, Orissa, India.
	1898 Dec. 6.	{ *SHOUBRIDGE, HARRY OLIVER BARON .. .. . }	{ Ahmednagar Irrigation, Nasik, India.
	1884 Dec. 2.	SHUTTLEWORTH, FRANK HENRY	{ District Council, Littleboro', Manchester.
	1894 Dec. 4.	SIBBALD, JAMES .. .. .	35 Commercial St., Dundee.
	1899 Dec. 5.	{ SIDES, JOHN FRANCIS, B.E. (Royal) .. .. . }	{ G. S. & W. Ry., Inchicore, Dublin.
	1901 Dec. 3.	*SIKES, LOUIS, B.Sc. (Victoria)	Waterworks Office, Harrogate.
	1902 Apr. 8.	{ *SIKES, ROBERT CHERRY, B.E., B.A. (Royal) .. .. . }	{ Great Western Ry., Gerrard's Cross, Bucks.
	1891 Apr. 7.	*SILLEM, WILLIAM .. .. .	116 Great Portland Street, W.
	1904 Jan. 12.	*SILLITOE, WILLIAM CHARLES	Town Hall, Ealing, W.
	1884 Jan. 8.	SILVERTHORNE, ARTHUR .. .. .	5 Victoria Street, S.W.
	1892 Mar. 1.	SIMMANCE, JOHN FREDERICK .. .. .	{ 81 Page Street, Westminster, S.W. (Precision, London.)
	1895 May 21.	SIMMELKJAER, SOPHUS .. .. .	5 Gower Street, W.C.
	1891 May 5.	{ SIMPKINS, WILLIAM, B.Sc. (Edin.) .. .. . }	{ D. & C. Stevenson, 84 George Street, Edinburgh.
	1889 Dec. 3.	*SIMPSON, AUGUSTUS JOHN .. .. .	Vale Place, Haverhill, Suffolk.
	1895 May 21.	*SIMPSON, CHARLES EDWARD .. .. .	Wanderer Mine, Selukwe, Rhodesia.
	1888 Feb. 7.	*SIMPSON, CHARLES LIDDELL .. .. .	{ 101 Grosvenor Road, S.W. (Aquosity, London.)
	1879 Dec. 2.	*SIMPSON, FRED .. .. .	Casilla 144, G.P.O., Buenos Aires.
	1889 Jan. 8.	SIMPSON, HENRY EDWIN .. .. .	169 Drakefell Road, Brockley, S.E.
	1899 Dec. 5.	{ *SIMPSON, LIGHTLY STAPLETON, B.A. (Cantab.) .. .. . }	{ 64 Romford Road, Stratford, E.
	1900 Dec. 4.	*SIMPSON, WILLIAM .. .. .	15 Regent Quay, Aberdeen.
	1891 Apr. 7.	SIMPSON, WILLIAM HENRY .. .. .	Alliance Chambers, Horsefair Street,
	1891 Dec. 1.	SINCLAIR, ALEXANDER .. .. .	Hafôd Works, Swansea. [Leicester.
✠	1892 Dec. 6.	SINCLAIR, JOHN SMART .. .. .	Town Hall, Widnes.
	1893 Dec. 5.	*SINNOTT, EDWARD STOCKLEY .. .. .	Western Mail Chambers, Cardiff.
	1897 Mar. 2.	*SISSON, NORMAN .. .. .	{ 7 Largo do Viriato, Oporto, Portugal.
	1900 Dec. 4.	{ SITWELL, JOHN KNIGHTLEY, B.A. (Cantab.) .. .. . }	{ E. B. Ry., Loco. Dept., Kanchrapara, India.
	1888 Dec. 4.	*SKELTON, ROBERT .. .. .	Colombo, Ceylon.
	1892 Dec. 6.	*SKINNER, HARRY ROSS .. .. .	{ Durban-Roodepoort Mining Co., Johannesburg, Transvaal.
	1891 Dec. 1.	SKIPTON, JOHN GERVAIS .. .. .	Athlone, Ireland.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1901 Dec. 3.	*SLADE, CHARLES FELIX .. ..	{ Engineer's Office, M. & G.N. Rys., Melton Constable.
	1876 Dec. 5.	SLADE, FREDERICK .. ..	Beckford, Tewkesbury.
	1904 Apr. 12.	*SLATER, ERIC ARNOLD .. ..	"Athelstan," Maldon Rd., Colchester.
	1896 Feb. 4.	*SLATER, JOSEPH .. ..	County Surveyor's Office, Preston.
	1877 Mar. 6.	*SMALL, JAMES MILN .. ..	17 Victoria Street, S.W.
	1885 May 5.	SMALLMAN, HENRY FRANCIS ..	Ralston Manor, Mussoorie, India.
m ✚	1884 Dec. 2.	*SMART, EDGAR .. ..	Box 830, Johannesburg, Transvaal.
	1893 Dec. 5.	{ SMEATON, STIRLING, B.A. (Adelaide) .. .. }	Littlehampton, South Australia.
	1889 Dec. 3.	*SMITH, ALBERT CASSON .. ..	{ Metropolitan Board of Works, Collins St., Melbourne, Victoria.
	1896 Apr. 14.	SMITH, ALEXANDER .. ..	{ F. C. Buenos Aires y Rosario, Rosario, Argentina.
	1876 May 30.	*SMITH, ARTHUR TOULMIN ..	{ Ludwig & Smith, Miasnitzkaia St., Moscow.
	1888 Feb. 7.	SMITH, BASIL EUSTACE .. ..	Ferro Carril, Antofagasta, Chile.
	1891 May 5.	*SMITH, BERTRAM ROBERT ..	R. Smith, Bifrons, Fleet, Hants.
	1894 Feb. 6.	*SMITH, CHARLES CLEMESHA ..	Waterworks, Wakefield.
	1900 Dec. 4.	*SMITH, CHARLES FREDERICK ..	{ 38 Ouseley Road, Wandsworth Common, S.W.
	1904 Apr. 12.	SMITH, EDGAR MARTIN .. ..	1 Bushnell Rd., Upper Tooting, S.W.
	1897 Jan. 12.	SMITH, EDMUND .. ..	The Manse, Balham Park Rd., S.W.
	1886 Dec. 7.	*SMITH, FRANK MARTIN .. ..	{ Roads and Bridges Department, Sydney, N.S.W.
	1900 Apr. 3.	{ SMITH, GEORGE HENRY, B.A.I. (Dubl.) .. .. }	2 Southey Road, Wimbledon.
	1895 Dec. 3.	SMITH, GEORGE WILLIAM .. ..	Port Elizabeth, Cape Colony.
	1899 Feb. 7.	*SMITH, GERALD ALFRED .. ..	37 Dhurrumtollah Street, Calcutta.
	1877 Dec. 4.	SMITH, GUY .. ..	{ Several Farm, Saxstead, Framling- ham.
	1897 Apr. 6.	SMITH, HARRY WILLIAM .. ..	Boro' Engineer, Scarborough.
	1896 Jan. 14.	{ *SMITH, HENRY VAUGHAN CRAWFURTH .. .. }	Pembroke Estates Office, 1 Wilton Place, Dublin.
	1902 Apr. 8.	SMITH, HUGH LESLIE .. ..	8 St. George's Avenue, Holloway, N.
	1885 Dec. 1.	*SMITH, JAMES CAMPBELL .. ..	Boro' Surveyor, Bury St. Edmunds.
	1894 Dec. 4.	SMITH, JAMES GOULD .. ..	Boro' Surveyor, Guild Hall, Bever-
	1898 Apr. 5.	SMITH, JOHN WILLIAM .. ..	34 Wilfred Street, Derby. [ley.
	1891 Feb. 3.	SMITH, RICHARD WILLIAM ..	P.W.D., Colombo, Ceylon.
t ✚	1881 May 3.	{ SMITH, Professor ROBERT HENRY .. .. }	113 Hopton Road, Streatham, S.W.
	1889 Apr. 2.	{ *SMITH, ROGER THOMAS, B.Sc. (Lond.) .. .. }	10 Russell Chambers, Bury Street, Bloomsbury, W.C.
	1901 Apr. 23.	SMITH, SYDNEY ARTHUR .. ..	1 Princess Street, Manchester.
	1895 Jan. 8.	SMITH, T. RIDSDILL .. ..	Ravensthorpe, Hessle, Yorks.
	1897 Jan. 12.	*SMITH, THOMAS, B.A.I. (Dubl.)	G. N. Ry., Castlewella, co. Down.
	1883 Feb. 7.	SMITH, THOMAS READER .. ..	District Council, Kettering.
	1891 Apr. 7.	SMITH, THOMAS RHYS .. ..	150 Broadway, New York, U.S.
	1904 Mar. 1.	*SMITH, THORNTON BROWN ..	66 College Street, Chelsea, S.W.
✚	1881 May 31.	*SMITH, WALTER .. ..	King's College, Strand, W.C.
	1891 Feb. 3.	SMITH, WILLIAM .. ..	Sewerage Branch, Sydney, N.S.W.
	1886 May 4.	{ *SMITH, WILLIAM CHARLES ERNEST .. .. }	Chemins de Fer de la Basse-Egypte, Mansourah, Egypt.
	1904 Apr. 19.	*SMITH, WILLIAM FREDERICK ..	City Engineer's Office, Leeds.
	1890 Dec. 2.	{ *SMITH - SAVILLE, ROBERT WILLIAM .. .. }	Borough and Water Engineer, Darwen.
	1892 Apr. 5.	{ SMYTH, JAMES STEVENSON, B.E. (Royal) .. .. }	Bangkok, Siam.
	1901 Dec. 3.	SMYTH, JOHN McFALL .. ..	{ Borough Electrical Engineer, Keigh- ley. [N.W.
	1890 Jan. 14.	SNELL, ALBION THOMAS .. ..	15 Chatsworth Road, Brondesbury,



Date of Election.	ASSOCIATE MEMBERS.	
1887 Apr. 5.	SNELL, HARRY .. .. .	Stanwell Rd., Penarth, Cardiff.
1884 May 27.	*SNELL, HENRY DE MORGAN ..	20 Cockspur Street, S.W.
1896 Feb. 4.	{*SOBBE, FERDINAND AUGUSTUS VON .. .. .}	3 Belvidere Road, Liverpool.
1881 Dec. 6.	*SOLLY, HUBERT LE GAY ..	Govt. Rys., Cape Town, C.C.
1883 Feb. 6.	SOLOMON, MAURICE .. .. .	{Eng.'s Office, L. B. & S. C. Ry., London Bridge, S.E.
1902 Feb. 4.	*SOLOMON, REGINALD SAUL ..	{Engineer's Camp, Aliwal North, South Africa.
1898 Dec. 6.	*SOMERS, WILLIAM TOM WOOD	P.W.D., Lahore, Punjab.
1898 Feb. 1.	{*SONNEBORN, ALBERT EDWARD HARVEY .. .. .}	23 Minster Road, West Hampstead, N.W.
1901 Apr. 2.	{*SONNENSCHN, FREDERIC BOLTON .. .. .}	77 High Street, Marylebone, W.
1897 Feb. 2.	*SOPER, ROBERT LEWIS .. ..	Theydon Towers, Epping.
1887 May 24.	SORABJEE, SHAPURJEE .. ..	{Shapurjee & Ratanshaw, Devonshire Chambers, Bishopsgate St., E.C.
1881 May 31.	SOTO, PEDRO NOLASCO DE ..	Ferro Carril de Zafra, Huelva, Spain.
1900 Apr. 3.	*SOUTHEY, FREDERICK .. ..	Machribeg, Southend, Cantyre, N.B.
1883 Apr. 3.	SOUTTER, PETER WILLIAM ..	
1893 Feb. 7.	*SPARKS, IVON ALGERNON ..	Hillingdene, Gresham Rd., Staines.
1897 Apr. 6.	{*SPARKS, JAMES NOEL, B.A. ( <i>Cantab.</i> ) .. .. .}	Winchester Ho., Old Broad St., E.C.
1894 Jan. 9.	*SPENCE, WILFRID L. .. ..	British Electric Plant Co., Alloa, N.B.
1890 Mar. 4.	*SPENCER, CHARLES TALLENT ..	{The Hall, Harmondsworth, Middle- sex. (Spencer, Sipson.)
1890 Dec. 2.	*SPENCER, HENRY BATH .. ..	144 St. Vincent Street, Glasgow.
1875 Feb. 2.	{SPENCER, HERBERT GEORGE HAMMOND .. .. .}	La Rosario, East Grinstead.
1876 May 30.	SPENCER, JOHN PHILIP .. ..	Tynemouth.
1894 May 22.	{*SPENCER, LEONARD GRANTLEY PAOLI .. .. .}	Borough Engineer, New Plymouth, N.Z.
1895 May 21.	{SPENCER, THOMAS WILLIAM LORAIN .. .. .}	D.P.W., Casino, N.S.W.
1895 Dec. 3.	{*SPENCER-STANHOPE, PHILIP BERTIE, M.A. ( <i>Oxon.</i> ) .. ..}	Cannon Hall, Barnsley.
1880 Apr. 6.	*SPIELMAN, ISIDORE .. .. .	56 Westbourne Terrace, W.
1861 Mar. 5.	SPIERS, JOSEPH .. .. .	9 Marchwood Crescent, Ealing, W.
1877 Dec. 4.	SPINDLER, HENRY LEWIS ..	Port Elizabeth, C.C.
1885 Jan. 13.	SPOONER, HENRY JOHN .. ..	309 Regent Street, W.
1900 Mar. 6.	*SPRAGUE, ERNEST HEADLY ..	180 Regent's Park Road, N.W.
1901 Mar. 5.	*SPRECKLEY, JOHN ALFRED ..	Boro' Surveyor, Ludlow.
1886 Jan. 12.	*STABLES, EDWARD .. .. .	{c.o. R. H. Harland, 37 Lombard Street, E.C.
1899 Feb. 7.	STACPOOLE, STEPHEN WESTROPP	{3A Avenida de la Libertad No. 5 Orizaba, Vera Cruz, Mexico.
1891 Dec. 1.	*STAINFORTH, GEORGE MAYNARD	Casilla 473, San José, Costa Rica.
1894 Dec. 4.	STAINTHORPE, THOMAS WILLIAM	P.W.D., Cape Town, C.C.
1894 May 22.	STANTON, FRANCIS CHARLES ..	{Engineer's Office, S. E. & L. C. & D. Rys., London Bridge, S.E.
1895 May 21.	*STALLARD, SIDNEY .. .. .	Town Hall, Croydon.
1888 Feb. 7.	*STALLIBRASS, EDWARD .. ..	{27 Cumberland Mansions, Bryanston Square, W.
1896 Feb. 4.	*STAMP, CHARLES .. .. .	{Suptg. Engineer's Office, Dockyard, Devonport.
1903 Feb. 3.	*STANDEN, HUGH WYATT .. ..	{40 Courtfield Gardens, South Ken- sington, S.W.
1900 Dec. 4.	STANDFIELD, FRANK .. .. .	22 Pelham Road, Gravesend.
1903 Feb. 3.	*STANFORD, FREDERICK OWEN	{H.M. Dockyard, Simonstown, Cape Colony.
1878 Feb. 5.	STANGER, GEORGE HURST ..	North Street, Wolverhampton.

Date of Election.	ASSOCIATE MEMBERS.	
1904 Jan. 12.	{ *STANGER, REGINALD HARRY HURSTHOUSE .. .. }	Broadway Testing Works, Westminster, S.W.
1900 Jan. 9.	STANLEY, EDWARD GOWER ..	{ Under Secretary to Government, P.W.D., Simla.
1890 Feb. 4.	STANLEY, WILLIAM HENRY ..	Sunnycroft, Trowbridge, Wilts.
1880 Dec. 7.	STANNARD, ARTHUR .. ..	{ 25 Charleville Road, West Kensington, W.
1901 Feb. 5.	{ *STANSFIELD, SAMUEL, B.Sc. ( <i>Victoria</i> ) .. .. }	{ Newton Heath Ironworks, Manchester.
1902 Dec. 2.	{ STANTON, FREDERICK WILLIAM SCHULTHEISS .. .. }	{ James Mansergh & Sons, 5 Victoria Street, S.W.
t ✚ 1894 Feb. 6.	{ STANTON, THOMAS ERNEST, D.Sc. ( <i>Victoria</i> ) .. .. }	{ National Physical Laboratory, Teddington.
1898 Mar. 1.	*STANTON, WALTER CHARLES ..	Thos. Cook & Son, Bombay.
1892 Feb. 2.	*STAPLES, SYDNEY FRANCIS ..	11 Victoria Street, S.W.
1898 Feb. 1.	*STAPLETON, BRYAN, F.C.H. ..	R.K.M. Ry., Krishnagar, Bengal.
1899 Mar. 7.	*STAPYLTON, ALAN .. ..	Assam-Bengal Ry., Badarpur, India.
1868 Dec. 1.	STATHAM, EDWYN JOSEPH ..	{ Cumberland Heights, Parramatta, N.S.W.
1895 Apr. 2.	*STATHAM, HUGH WORTHINGTON	Narrandera, New South Wales.
1894 Dec. 4.	*STATHAM, WILLIAM BLACKWALL	{ Linde British Refrigeration Co., 35 Queen Victoria Street, E.C.
1888 May 1.	*STATTER, JOHN GRICE .. ..	[N.S.W.
1893 Feb. 7.	STAWELL, JONAS MOLESWORTH	Ry. Construction Dept., Sydney,
1896 Dec. 1.	{ STEEDMAN, HENRY PERCY GORMANSTON .. .. }	{ A. Fredrikson, Almedaal, Gothenburg, Sweden.
1899 Apr. 11.	STEELE, WILLIAM JONES ..	City Engineer's Office, Bristol.
1903 Apr. 7.	STENT, HAROLD BARCLAY ..	Norfolk House, Hampton.
1893 Mar. 7.	STEPHEN, FREDERIC WILBER ..	Ry. Dept., Petersburg, So. Australia.
1883 May 29.	*STEPHEN, JAMES BROWN ..	Lancing, Worthing.
1894 May 1.	STEPHEN, JAMES HENRY ..	Leigh, Lancs.
1898 Apr. 5.	STEPHENS, CHARLES THOMAS ..	Cairns, North Queensland.
1894 Dec. 4.	*STEPHENS, HOLMAN FRED ..	Light Railway Office, Tonbridge.
1888 Dec. 4.	*STEPHENSON, EDMUND PALEY	Town Hall, Llandudno.
1898 Mar. 1.	STEPHENSON, EDWARD .. ..	{ Bowes Scott & Western, Broadway Chambers, Westminster, S.W.
1887 May 3.	{ STEPHENSON, JOSEPH GURDON LEYCESTER .. .. }	33A Broadway, Hammersmith, W.
1894 Dec. 4.	*STEPHENSON, RALPH HARRY ..	{ Ferguson & Co., St. Saviour's Road E., Leicester.
1897 Mar. 2.	STERICKER, WALTER PERCHARD	Trinity Lodge, Ipswich. [gow.
m ✚ 1896 Dec. 1.	*STEVEN, JOHN WILSON .. ..	9 Prince's Terrace, Dowanhill, Glas-
1885 May 5.	STEVENS, PERCIVAL .. ..	Port of Spain, Trinidad.
1904 Apr. 12.	STEVENS, THEODORE .. ..	15 Sutton Court Rd., Chiswick, W.
1869 Jan. 12.	STEVENS, WARWICK ALAN ..	237 Southwark Bridge Rd., S.E.
1899 Dec. 5.	{ *STEVENSON, GEORGE HAROLD, B.Sc. ( <i>Edin.</i> ) .. .. }	{ Assam-Bengal Ry., Chittagong, India.
1874 Apr. 14.	STEVENSON, JOHN .. ..	48 Park Place, Cardiff.
1881 Mar. 1.	STEVENSON, SIDNEY EVANCE ..	Gas Co., Devonport.
✚ 1901 Mar. 5.	*STEWART, ANGUS MATHESON ..	{ Samana & Santiago Ry., Sanchez, San Domingo.
1894 Feb. 6.	STEWART, JOHN EDWIN .. ..	{ River Plate Loan Trust, Avenida de Mayo 645, Buenos Aires.
1892 Apr. 5.	STEWART, JOHN VAUGHAN ..	Harbour Office, Llanelly.
1899 Dec. 5.	STEWART, PERCY CHARLES ..	{ L. & N. W. Ry., 9 Walton's Parade, Preston.
1891 Dec. 1.	*STEWART, THOMAS .. ..	Harbour Works, Port Elizabeth, C.C.
1889 Jan. 8.	*STICKLAND, ERNEST ALBERT ..	Boro' Surveyor, Windsor.
1892 Dec. 6.	*STILGOE, HENRY EDWARD ..	Borough Engineer, Dover.
1895 Feb. 5.	*STILL, ALFRED .. ..	Yette Lodge, Ellesmere Park, Eccles.
1893 May 2.	*STILL, PERCY .. ..	{ Chelsea Electricity Co., 19 Cadogan Gardens, S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1890 Dec. 2.	STILWELL, ARTHUR WILLIAM	D.P.W., Sydney, N.S.W.
1901 Dec. 3.	*STIRLING, GROTE .. .. .	{ Engineer's Office, M. & G.N. Rys., Melton Constable.
1898 Dec. 6.	STIRLING, JAMES .. .. .	{ G.N. Piccadilly & Brompton Ry., 6 Belgrave Street, King's Cross, W.C.
1892 Apr. 5.	*STOCKEN, ALFRED LEONARD ..	{ Lacrois, Fils et Cie., Mazères-sur-le- Salat, France.
✠ 1878 Feb. 5.	*STOESS, CHARLES ANTHONY ..	Box 48, Vancouver, British Columbia.
1895 Dec. 3.	*STOKER, GILBERT .. .. .	41 Gonville Road, Thornton Heath.
1889 Jan. 8.	*STOKOE, EDWARD RICHMOND ..	Clevedon House, Woodhall Spa, Lincs.
1886 Apr. 6.	*STONE, FRANK HOLMES .. ..	G.P.O., Freetown, Sierra Leone.
✠ 1873 Mar. 4.	STOOKE, THOMAS SULLOCK ..	{ Belle Vue, Havelock Road, Shrews- bury.
✠ 1896 Dec. 1.	STOTHERD, CHARLES EGREMONT	Jeypore, Rajputana, India.
✠ 1901 Dec. 3.	*STOW, GEORGE .. .. .	Southdown Road, Shoreham.
1900 Apr. 3.	STRACEY, HERBERT JAMES ..	Western Mail Chambers, Cardiff.
1874 Feb. 3.	*STRACHAN, JOHN .. .. .	Craigisla, Penylan, Cardiff.
1898 Apr. 5.	STRACHEY, RALPH .. .. .	E.I.Ry., Dinapore, India.
1888 May 15.	STRAIN, JOHN LOUDON .. ..	Court House Chambers, Buxton.
1879 Feb. 4.	{ STRAKER, CHARLES EDMUND, M.A. (Cantab.) .. .. .	High Warden, Hexham.
1895 Dec. 3.	STRAKER, SIDNEY .. .. .	9 Bush Lane, Cannon Street, E.C.
1904 Jan. 12.	{ *STRANG, WILLIAM GUTHRIE, B.Sc. (Glas.) .. .. .	Victoria Villas, Stafford Road, Wolverhampton.
1889 Dec. 3.	{ STRANGE, ALEXANDER BUR- ROUGHS .. .. .	c/o Grindlay & Co., Parliament Street, S.W.
1885 Dec. 1.	STRAPP, WALTER .. .. .	Rue de Madrid 15, Paris.
1894 Dec. 4.	*STRIDE, HERBERT WALTER ..	{ Holmwood, Cossington Road, West- cliff, Essex.
1890 May 6.	*STRINGFELLOW, WILLIAM ..	{ Urban District Council, Ashborne, Derbyshire.
1869 Feb. 2.	STRONGITHARM, AUGUSTUS HORACE	Barrow-in-Furness.
1897 Feb. 2.	{ *STRUBEN, ARTHUR MARINUS ALEXANDER .. .. .	D.P.W., Pretoria, Transvaal.
1882 May 23.	{ STUART, JAMES, M.A., LL.D. (Cantab.) ..	24 Grosvenor Road, S.W.
1898 Feb. 1.	STUART, JAMES .. .. .	94 Hope Street, Glasgow.
1901 Dec. 3.	*STUART, JAMES DOUGLAS ..	A. Scott & Co., Rangoon, Burma.
1900 Apr. 3.	{ STUART-MENTETH, WILLIAM FREDERICK .. .. .	Municipal Engineer, Lahore, Punjab.
1899 Dec. 5.	{ STUBBS, HERBERT EDWARD CRAMPTON .. .. .	P.W.D., Jhelum Valley Road, Srinagar, Kashmir, India.
1885 Apr. 14.	STUBBS, JOHN PEMBERTON ..	43 Wroughton Road, Balham, S.W.
1883 Dec. 4.	STUBBS, WILLIAM .. .. .	Municipal Offices, Blackburn.
1898 Apr. 5.	STUDLEY, SAMUEL HAROLD ..	Water Dept., Town Hall, Sheffield.
1890 Dec. 2.	*SUAREZ, PEDRO .. .. .	{ Ingeniero Primero de Caminos, Riber- alta, Rio Beni, Bolivia.
1894 Dec. 4.	{ SUBRAHMANYAM AIYAR, SUN- DARAIYAR ARUMBUR, Rai Sahib, B.A., B.E. (Madras)	Mayavaram, Tanjore, Madras.
1894 Jan. 9.	SUGGATE, ALFRED .. .. .	33 Villa Road, Brixton, S.W.
1891 Jan. 13.	SUGGATE, FREDERICK CHENERY	Gasworks, Auckland, N.Z.
1903 Apr. 7.	{ SULLIVAN, ROBERT JAMES, B.A.I. (Dubl.) .. .. .	4 Moyola Terrace, Lansdowne Road, Limerick.
1883 Jan. 9.	*SUMMERSCALE, ALFRED .. ..	{ L. & Y. Ry., 23 Walton Park, Liverpool.
1895 Jan. 8.	*SUTCLIFFE, FREDERICK WILLIAM	Oak Hill, Burnley.
1896 Mar. 3.	*SUTCLIFFE, JOHN .. .. .	Town Hall, Kennington Green, S.E.
1896 Dec. 1.	{ SUTHERLAND, ALEXANDER CHARLES, M.A., M.C.E. (Melb.)	Govt. Mining Engineer's Office, Johannesburg, Transvaal.
1895 Dec. 3.	*SUTHERLAND, JAMES .. ..	{ P.W.D., Lower Sind Ry., Hydera- bad, Sind.



Date of Election.		ASSOCIATE MEMBERS.	
1894	May 22.	SUTHERLAND, JOHN ROBERTSON	45 John Street, Glasgow.
1886	Dec. 7.	SUTTON, JOSEPH WALKER ..	36 Bedford Street, Strand, W.C.
1895	Dec. 3.	SUTTOR, JOHN BLIGH .. ..	Commercial Agency, N.S.W. Govt., Kobe, Japan.
✠	1885 Mar. 3.	*SWAINSON, JOHN HENRY ..	66 Church Street, Egremont, Cheshire.
1899	Dec. 5.	SWARBRICK, ROBERT ALFRED	117 The Avenue, Ealing, W.
1901	Dec. 3.	*SWAYNE, GERALD .. ..	Lanesboro', Guildford.
1896	Dec. 1.	SWINBURNE, GEORGE .. ..	99 Queen St., Melbourne, Victoria.
1892	Dec. 6.	{*SYKES, CHARLES FREDERICK, F.C.H. .. .. .}	King, King & Co., Bombay.
✠	1888 Dec. 4.	SYKES, CLEMENT MORISCRIP ..	{State Engineer, Jamnagar, Kathia- wad, India.
1888	Jan. 10.	SYKES, EDWARD .. ..	District Council, Chcadle, Manchester.
1896	Dec. 1.	SYKES, ERNEST .. ..	Coniston, Polsloe Park, Exeter.
1897	Jan. 12.	*SYKES, JOSEPH CHARLES	21 Ardbeg Road, Herne Hill, S.E.
1892	Mar. 1.	*SYMMONS, PERCY WILSON ..	113 Cannon Street, E.C.
1894	Mar. 6.	SYMONS, DIOGO ANDREW ..	9 Bridge Street, Westminster, S.W.
1890	Mar. 4.	{*SYNGE, ROBERT ANTHONY, B.A. (Dubl.) .. .. .}	{Edward Syngé, Estates Office, Kingscourt, co. Cavan.
1888	Dec. 4.	SYSON, ROBERT COCKBURN ..	{Leamington Cottage, Bearsden, Glasgow.
1897	Apr. 6.	SZLUMPER, CHARLES DAVID ..	17 Victoria Street, S.W.
1887	Dec. 6.	TAITE, JOHN CHARLES .. ..	{63 Queen Victoria Street, E.C. (Central 6925.)
T t ✠	1890 Dec. 2.	TANABE, Professor SAKURO ..	Kioto University, Japan.
1882	Dec. 5.	TANDY, JOHN O'BRIEN .. ..	{4 Wellington Villas, Wellington Square, Crewe.
1886	Dec. 7.	TAPLAY, HERMAN .. ..	Ercaldene, Wellington, Salop.
1896	Mar. 3.	*TARGET, FELIX ALEXANDER ..	{Primrose Club, Park Place, St. James', S.W.
1901	Dec. 3.	*TARRANT, ERNEST ARTHUR ..	51 Watson Road, Worksop.
1891	Dec. 1.	TATE, HERBERT WILLIAM ..	405 Cheetham Hill Rd., Manchester.
1893	Dec. 5.	TATE, JOHN .. ..	{6 Victoria Villas, Brookwood, Woking.
1887	Jan. 11.	TATE, WALTER HOWARD ..	Taiping, Perak, S.S.
1893	Dec. 5.	{TAYLER, ALEXANDER JAMES WALLIS .. .. .}	77 Victoria Road, Kilburn, N.W.
1896	Dec. 1.	TAYLOR, ARTHUR JOSEPH ..	{6 Apsley Crescent, Manningham, Bradford.
1897	Dec. 7.	{*TAYLOR, DAVID GUILLAND, B.Sc. (Glas.) .. .. .}	{D. Craig, Springvale, Prestwick, Ayrshire.
m	1902 Apr. 8.	{*TAYLOR, FRANK COSTON, M.A. (Cantab.) .. .. .}	State Railways Dept., Cairo, Egypt.
1897	Jan. 12.	TAYLOR, HARRY WILLIAM ..	{St. Nicholas Chambers, Amen Corner, Newcastle-on-Tyne.
1885	May 19.	TAYLOR, HENRY .. ..	District Council, Clevedon, Somerset.
1899	Apr. 11.	*TAYLOR, JOHN CHARLES, R.N.R.	Port Commissioners' Office, Calcutta.
1904	Feb. 2.	{*TAYLOR, JOHN REGINALD, B.A. (Cantab.) .. .. .}	11 Vincent Square, Westminster.
1886	Apr. 6.	*TAYLOR, ROBERT CHARLES ..	St. James's Gate Brewery, Dublin.
1886	Jan. 12.	TAYLOR, ROBERT HENRY ..	230 Lewisham High Road, S.E.
1879	Apr. 1.	TEASDEL, JAMES EDWIN .. ..	3 Queen Street, Great Yarmouth.
1903	Apr. 7.	*TEDMAN, CYRIL .. ..	G.I.P. Ry., Bhusawal, India.
1901	Mar. 5.	*TEMPLE, LEONARD .. ..	Fraser House, Forest Gate, E.
1891	May 5.	TEMPLER, CHARLIE LIONEL ..	48 Newbold Road, Rugby.
1886	May 18.	{*TEMPLETON, EDWIN ARTHUR SLADE, M.A. (Dubl.) .. .. .}	Buckholtz Turbine Syndicate, Win- chelsea Road, Harlesden, N.W.

Date of Election.	ASSOCIATE MEMBERS.	
1897 Apr. 6.	*TERRY, ALFRED JOHN .. ..	Grove Mount, Pudsey.
1902 Apr. 8.	THAIN, WILLIAM ARTHUR .. ..	University College, Cardiff.
1899 Dec. 5.	THOMAS, ARTHUR EDMUND .. ..	Moa Tin Mine, Moorina, Tasmania.
1881 Feb. 1.	THOMAS, CHARLES HENRY .. ..	{ Brecon & Merthyr Ry., Tredegar Chambers, Newport, Mon.
1881 May 31.	THOMAS, CHARLES NEUMANN .. ..	{ The Anchorage, St. James, Kalk Bay, Cape Colony.
1896 May 5.	THOMAS, DAVID PROSSER .. ..	{ Islwyn House, Llantwit Vardre, Pontypridd.
1891 Apr. 7.	THOMAS, ELIJAH, <i>Fleet Eng. R.N.</i>	Holborn Villa, Sheerness.
1877 May 29.	THOMAS, HERBERT OLIVER .. ..	Town Hall, Woolwich.
1899 Dec. 5.	{ *THOMAS, HUBERT ROBERT, B.Sc. ( <i>Victoria</i> ) .. .. }	1 Avenue Road, Wolverhampton.
1890 Dec. 2.	THOMAS, JOHN .. ..	32 Fisher Street, Swansea.
1896 Dec. 1.	THOMAS, JOHN FREDERICK IVOR	35 Kirkstall Road, Streatham, S.W.
1860 May 22.	THOMAS, JOSEPH LEE .. ..	2 Hanover Terrace, Ladbroke Sq., W.
1901 Dec. 3.	THOMAS, ORLANDO VENNING ..	P.W.D., Penang, S.S.
1902 Dec. 2.	*THOMAS, PERCY, M.Sc. ( <i>Victoria</i> )	125 Mayfair Avenue, Ilford. { Braithwaite, Blenheim Villas, Whit- ton Road, Twickenham.
1901 Apr. 2.	THOMAS, THOMAS GEORGE HOWES	Town Surveyor, Ebbw Vale, Mon.
1889 Dec. 3.	THOMAS, THOMAS JAMES .. ..	9 Mount Stuart Square, Cardiff.
† 1891 Mar. 3.	THOMAS, TREVOR FALCONER ..	Perranporth, Cornwall.
† 1889 May 7.	THOMAS, WILLIAM .. ..	4 Eton Avenue, Hampstead, N.W.
1902 Dec. 2.	*THOMAS, WILLIAM .. ..	Brynhafof, Neath, South Wales.
1887 Jan. 11.	{ THOMAS, WILLIAM EDMOND CLASON .. .. }	Staplake Mount, Starcross, Exeter.
1896 Dec. 1.	*THOMAS, WILLIAM MATTHEWS	Gasworks, Brisbane, Queensland.
1887 Dec. 6.	THOMLINSON, JOHN HUTTON ..	4 Strathmore Gardens, Bognor.
1883 May 29.	THOMPSON, ALBERT GEORGE ..	8 Belmont Road, Wallington, Surrey.
1886 Feb. 2.	*THOMPSON, GEORGE WILLIAM	Rose Hill, Heysham, Morecambe.
1895 Dec. 3.	*THOMPSON, JOHN .. ..	Harbour Engineer, Dundee.
† 1894 Dec. 4.	*THOMPSON, JOHN .. ..	9 Billiter Square, E.C.
m † 1883 Feb. 6.	*THOMPSON, JOHN AUGUSTUS ..	31 Whitefield Road, Stockton Heath, Warrington.
1894 Mar. 6.	{ *THOMPSON, JOHN EDWARD OAKES .. .. }	St. Thomé, Madras.
† 1893 Apr. 11.	THOMPSON, ROBERT WILLIAM	Town Hall, Burton-on-Trent.
† 1904 Apr. 19.	*THOMPSON, WAUDE .. ..	1 Great Winchester Street, E.C.
1888 May 15.	THOMPSON, WILLIAM .. ..	Tongarra, via Albion Park, New South Wales.
t † 1886 Dec. 7.	{ THOMPSON, WILLIAM MANN, M.A., B.E. ( <i>Sydney</i> ) .. .. }	Court House, Marylebone Lane, W.
1894 Feb. 6.	THOMSON, AMBROSE HEPBURN	King, Hamilton & Co., Calcutta.
1889 Mar. 5.	*THOMSON, ARTHUR SACKVILLE	{ 3 Woodburn Terrace, Morningside, Edinburgh.
1900 Apr. 3.	THOMSON, GEORGE .. ..	164 Bath Street, Glasgow.
1901 Apr. 2.	THOMSON, GILBERT, M.A. ( <i>Edin.</i> )	2 Grantly Gardens, Shawlands, Glasgow.
1904 Apr. 12.	THOMSON, HUGH ALEXANDER	22 Rutland Square, Edinburgh.
1889 Jan. 8.	THOMSON, JAMES .. ..	Grindall Place, St. Bees, Carnforth.
1871 Apr. 4.	THOMSON, JOHN .. ..	7 Carteret Street, Westminster, S.W.
1876 May 30.	THORNE, ALFRED .. ..	{ L. & N.W. Ry., Church Road Station, Garston, Liverpool.
1900 Apr. 3.	THORNHILL, WALTER EDWARD	Govt. Rys., Uitenhage, Cape Colony.
1879 Apr. 1.	THORNTON, HAWTHORN ROBERT	Boro' Surveyor's Office, Southport.
1904 Apr. 12.	THORNTON, RENNIE .. ..	Sanctuary House, Tothill Street, Westminster, S.W.
1893 Dec. 5.	*THORNTON, STANHOPE EVELYN	Homefield, Chiswick, W.
1899 Dec. 5.	*THORNYCROFT, JOHN EDWARD	Munnaar, Devikolam P.O., India.
1893 Dec. 5.	*THORP, RICHARD FENWICK ..	{ 97 Cedar St., New York, U.S. (Thorp- latt, New York.)
1886 Apr. 6.	*THORPE, ROBERT HENRY .. ..	60 Winsham Street, Clapham Com- mon, S.W.
1890 Jan. 14.	THORPE, WILLIAM HENRY .. ..	

Date of  
Election.

## ASSOCIATE MEMBERS.

1902 Feb. 4.	{*THRELFALL, HAROLD SPENCER, } M.Sc. ( <i>Victoria</i> ) .. .. .	Admiralty Offices, Keyham Extension, Devonport.
1895 Dec. 3.	{THRELFALL, Professor RICHARD, } M.A. ( <i>Cantab.</i> ) .. .. .	30 George Road, Egbaston, Birmingham.
1898 Dec. 6.	{*THRING, LEONARD GODFREY } PINNEY, B.A. ( <i>Cantab.</i> ) ..	Ploneks Hill, Shamley Green, Guildford.
1889 Feb. 5.	*THRUPP, EDGAR CHARLES ..	39 Victoria Street, S.W.
1895 Jan. 8.	*THURSFIELD, FRANCIS ..	Thursfield & Messiter, Wednesbury.
1880 Dec. 7.	*THWAITE, BENJAMIN HOWARTH	{29 Great George Street, S.W. (Calcination, London.)
1889 Dec. 3.	TICKELL, GEORGE TEMPLER ..	P.W.D., Selangor, S.S.
1893 Feb. 7.	TIDD, ERNEST GEORGE ..	25 Gordon Street, Glasgow.
1890 Dec. 6.	*TIDDEMAN, EDMUND SPENSER	14 Elgin Road, Ilford, E.
1896 Dec. 1.	TIFFIN, THOMAS EDWARD ..	Council Offices, Dartford, Kent.
1867 Dec. 3.	TIJOU, WILLIAM .. .. .	{52 Tavistock Terrace, Upper Holloway, N.
1893 May 16.	*TILL, GUY LAURENCE .. ..	City Surv.'s Office, Birmingham.
1891 Dec. 1.	TILLEY, ALBERT .. .. .	15 Fair Oak Avenue, Newport, Mon.
1889 Apr. 2.	*TIMMINS, ARTHUR .. .. .	Bridgewater Foundry, Runcorn.
1896 Mar. 3.	TIMMINS, THOMAS .. .. .	{Dorman, Long & Co., Moray St., South Melbourne, Victoria.
1899 Apr. 11.	TIMMIS, EDGAR WILLIAM ..	{2 Great George Street, Westminster, S.W.
1890 May 20.	{TIMONOFF, Professor VSEVOLOD } DE .. .. .	Ministère des Voies de Communication, Fontanka 117, St. Petersburg.
1875 Mar. 2.	*TINTORER GIBERGA, JOSÉ ..	Asalto 12, Barcelona, Spain.
1894 Dec. 4.	*TIPLADY, RICHARD CLEMENT	{Demerara Railway, Georgetown, British Guiana.
1893 May 2.	*TIPPETT, ARTHUR MAY .. ..	Govt. Rys., Cape Town, C.C.
1900 Apr. 3.	*TIPPETTS, RUSSELL .. .. .	{S. Pearson & Son, Obras del Puerto, Vera Cruz, Mexico.
1904 Apr. 12.	*TISDALL, ALFRED DOUGLAS	Britannia Ironworks, Derby.
1887 Jan. 11.	TIVOLI, JOSEPH WILLIAM DE ..	Tezpur-Balipara Ry., Tezpur, Assam.
1904 Apr. 12.	TOD, JAMES COX, B.Sc. ( <i>Edin</i> )	1 Queensferry Terrace, Edinburgh.
1880 Mar. 2.	*TODD, AUGUSTUS BYTHESEA ..	Quarry Park, Grampound.
1890 May 20.	TODD, WILLIAM HENRY .. ..	Land of Green Ginger, Hull.
1901 Mar. 5.	*TOLHURST, PHILIP WALMESLEY	Northfleet House, Northfleet.
1896 May. 5.	TOMES, GEORGE BRUCE .. ..	District Council, Mortlake, S.W.
1890 Apr. 1.	TOMKINS, WILLIAM HENRY ..	Cottesmore, Roydon, Essex.
1903 Apr. 7.	*TOMLINSON, JOHN WILLIAM ..	St. Mary's Hall, Coventry.
1896 Dec. 1.	*TONGE, HAROLD ASIETON ..	{5 Brendon House, Great Woodstock Street, W.
1881 May 31.	TONGE, JAMES .. .. .	{Court Chambers, Mawdsley Street, Bolton.
1897 Mar. 2.	*TONGE, JOHN HENRY .. ..	{21 Lower Bank Road, Fulwood, Preston.
1881 May 31.	TONKIN, WALTER WILLIAM ..	5 Grove Road, Brixton, S.W.
1892 Dec. 6.	{TOOKER, HUGH POLLOCK, } B.E. ( <i>Queen's</i> ) .. .. .	e.o. H. S. King & Co., 65 Cornhill, E.C.
1893 Mar. 7.	{*TOOTH, STANLEY, } M.A. ( <i>Cantab.</i> ) .. .. .	Clare Grange, Prideaux Road, Eastbourne.
✠ 1885 Dec. 1.	*TOPHAM, FRANCIS DAVID ..	King, King & Co., Bombay.
1899 Dec. 5.	*TOPHAM, THOMAS EDWARD ..	Govt. Rys., Durban, Natal.
1873 Dec. 2.	*TOPLIS, FREDERICK .. .. .	60 Crouch Hill, N.
1878 Feb. 5.	*TORRENS, GERARD PHILIP ..	19 Queensberry Place, S.W.
1890 Dec. 2.	TOUCHON, AUGUSTE .. .. .	14 Caixa do Correio, Rio de Janeiro.
1894 Dec. 4.	TOWLSON, SAMUEL .. .. .	District Council, Sevenoaks.
1880 Mar. 2.	{*TOWNESEND, CHARLES JOHN } HENRY FYLER .. .. .	Laksam, Assam-Bengal Ry., Tippera, Bengal.
1900 Jan. 9.	{TOWNSEND, EDWARD HUME, } B.A.I. ( <i>Dubl.</i> ) .. .. .	Manchester Waterworks, Contractors' Office, Windermere.



	Date of Election.	ASSOCIATE MEMBERS.	
	1875 Jan. 12.	*TOWNSEND, FRANCIS EDWARD	The Manse, Keady, co. Armagh.
	1885 Jan. 13.	TOWNSEND, HARRY .. ..	Gasworks, Wakefield.
✠	1884 Dec. 2.	{TOWNSHEND, BERNARD O'DRIS- COLL .. .. .}	72 Durnford Street, Stonehouse, Devon.
	1904 Apr. 19.	TOZER, WILLIAM HENRY ..	1 Exmouth Villas, Hampton Hill.
	1893 Feb. 7.	TRAVERS, THOMAS PATRICK ..	Gasworks, Cork.
	1890 Apr. 1.	TREGLOWN, CHARLES HOCKIN	3 Soho Avenue, Handsworth.
	1904 Jan. 12.	TREMELLING, HUBERT .. ..	Boro' Engineer's Office, Newport, Mon.
	1886 Jan. 12.	TRENCH, GILBERT KENNEDY ..	50 Marmora Rd., Honor Oak, S.E.
	1897 Feb. 2.	TRENCHARD, HENRY GOTTREUX	{Goninan & Co., Wickham, New- castle, New South Wales.
	1893 May 16.	TRETRY, EUGENE HORACE ..	{Calle Sucre 1915, Belgrano, Buenos Aires.
	1894 Dec. 4.	TRESTRAIL, NICHOLAS .. ..	Claremont Road, Redruth.
	1899 Dec. 5.	TREW, GEORGE HARRY MALE	H.M. Dockyard, Sheerness.
	1881 May 31.	TRIER, FRANK HENRY JULIUS	1 Great George Street, S.W.
✠	1894 Mar. 6.	TRIFFITT, JOHN .. .. .	N.E. Ry., Eng.'s Office, York.
	1899 Dec. 5.	{*TRIMMINGHAM, NORMAN STEWART PAGET .. .. .}	
	1892 Apr. 5.	*TRISTRAM, CHARLES FRANCIS	Lamia, Greece.
	1898 Apr. 5.	TROUNSON, JOHN CARDELL ..	Municipal Offices, Plymouth.
	1901 Dec. 3.	*TRUBSHAW, CHARLES KENNETH	Engineer's Office, Midland Ry., Derby.
	1892 Dec. 6.	*TRYE, CHARLES BRANDON ..	{Eng.'s Office, Midland Ry., Apperley Bridge, Leeds.
	1883 Dec. 4.	TUCK, <i>Rev.</i> EDMUND HENRY ..	107 Tyrwhitt Road, S.E.
m	1897 Apr. 6.	*TUCKER, PIERCE JOSEPH .. ..	Fairlawn, Molescroft, Beverley.
	1892 May 3.	TUCKER, ROBERT BOUCHER ..	39 Hyde Vale, Greenwich, S.E.
	1901 Feb. 5.	{TUCKEY, WILLIAM ROBINSON TOWNSEND, B.E. ( <i>Royal</i> ) ..}	Municipal Buildings, Tientsin, China.
	1892 Dec. 6.	TUCKWELL, JOHN MORRISON ..	{Rhuarden, Kilmalcom, Renfrew- shire.
t ✠	1882 Feb. 7.	*TUFNELL, CARLETON FOWELL	Iver, Kenley, Surrey.
	1878 May 28.	TUNSTALL, JOHN .. .. .	{141 Lordship Road, Stoke New- ington, N.
	1894 Dec. 4.	TURLEY, ARTHUR CLIFFORD ..	City Surveyor, Canterbury.
	1890 Dec. 2.	*TURNBULL, NICHOLAS KING ..	Bradford Ironworks, Manchester.
	1869 Mar. 2.	TURNER, FRANK .. .. .	Bracondale, Ontario, Canada.
	1873 May 20.	TURNER, FRANK DE MIERRE ..	Oporto, Portugal.
	1884 Dec. 2.	*TURNER, JOHN HARRISON ..	Wiltshire Foundry, Warminster.
	1904 Apr. 12.	*TURNER, VINCENT .. .. .	{City Hall, Charing Cross Road, W.C.
m	1875 Mar. 2.	*TWEEDIE, WILLIAM .. .. .	{New Hamburg Ry., Porto Alegre, Brazil.
	1894 Feb. 6.	TWIDDY, JAMES HANDFIELD ..	Box 192, Klerksdorp, Transvaal.
m ✠	1893 Apr. 11.	*TWINBERROW, JAMES DENIS ..	{15 New Bridge Street, Newcastle-on- Tyne.
m ✠	1904 Mar. 1.	*TYACK, ARTHUR HENRY .. ..	{H.M. Naval Yard Extension, Hong Kong.
	1896 May 5.	TYLER, EDWARD HENRY .. ..	Kola Gold Fields, Mysore, India.
	1902 Feb. 4.	*TYLEY, FREDERICK JOHN ..	{Engineer's Office, G.W. Ry., Pad- dington, W.
	1894 Dec. 4.	TYRRELL, JAMES HENRY .. ..	{City and Suburban Tramway, Johannesburg, Transvaal.
	1890 May 6.	TYZACK, DAVID .. .. .	Bellingham, Northumberland.
	1877 Feb. 6.	UHAGON, RECAREDO DE .. ..	Plaza Eliptica, Bilbao. [S.E.]
	1895 Dec. 3.	*UMNEY, HERBERT WILLIAMS ..	19 Sylvan Road, Upper Norwood,
	1893 Dec. 5.	{*UNDERWOOD, WILLIAM ELPHIN- STONE .. .. .}	Thos. Cook & Son, Durban, Natal.

Date of  
Election.

## ASSOCIATE MEMBERS.

1904 Apr. 12.	{ *UNNA, PERCY JOHN HENRY, B.A. ( <i>Cantab.</i> ) .. .. }	31 Hyde Park Gate, S.W.
1870 Dec. 6.	UNWIN, HERBERT .. ..	{ Dowdeswell Court, Andoversford, Glos.
1902 Dec. 2.	UNWIN, WILFRID PEYTO .. ..	Town House, Haslemere.
1893 Dec. 5.	UPTON, PRESCOTT .. ..	Box 1026, Johannesburg, Transvaal.
1884 Dec. 2.	*VACHELL, THEODORE .. ..	34 Bridge Street, Newport, Mon.
1879 Mar. 4.	*VACHER, HERBERT PERKINS ..	Vulcan Ironworks, Winchester.
1897 Dec. 7.	*VALON, WALTER ARTHUR ..	140 Temple Chambers, E.C.
1875 May 4.	{ VALON, WILLIAM ANDREW McINTOSH .. .. }	140 Temple Chambers, E.C. [N.
✠ 1858 Dec. 7.	VARLEY, SAMUEL ALFRED ..	Arrow Works, Jackson Rd., Holloway,
1892 Dec. 6.	VASSALLO, ANDREA .. ..	163 Strada Forni, Valetta, Malta.
1902 Jan. 14.	{ *VAUGHAN, CEDRIC GEORGE, M.A. ( <i>Cantab.</i> ) .. .. }	Hodbarrow Mines, Millom, Cumber- land.
1902 Feb. 4.	{ *VAWDREY, ROBERT WILLIAM, B.A. ( <i>Cantab.</i> ) .. .. }	Middleton, Hunter & Duff, 42 Frederick Street, Edinburgh.
1890 Feb. 4.	VEASEY, THOMAS FREDERICK	
1874 Dec. 1.	VEEVERS, HARRISON .. ..	The Lakes, Dukinfield.
1894 May 1.	VENN, ERNEST GALE .. ..	{ Mrs. Davy, 20 Raleigh Road, Exeter.
1899 Jan. 10.	{ *VENTERS, WILLIAM BEATTIE, B.Sc. ( <i>Glas.</i> ) .. .. }	15 Allan Park, Stirling.
1878 Apr. 2.	*VENTRIS, ARTHUR .. ..	{ Camplon, Arkwright Rd., Hampstead, N.W.
1888 May 1.	{ *VERDON, ARTHUR LAWRENCE RIDLEY .. .. }	c.o. Messrs. J. Simpson & Co., 101 Grosvenor Road, S.W.
1893 Feb. 7.	{ *VEREKER, FREDERICK JAMES WELLINGTON .. .. }	H.M. Dockyard Extension, Gibraltar.
1895 Mar. 5.	*VERNET, CHARLES CONSTANT	Western Railway, Havana, Cuba.
1889 Jan. 8.	VERSCHOYLE, BERESFORD ..	{ F.C. Rosario, Avenida de Mayo 748, Buenos Aires.
1902 Dec. 2.	VERSCHOYLE, ROBERT HENRY	Tarrago, Ballisodare, co. Sligo.
1891 Mar. 3.	*VESIAN, JOHN STUART ELLIS DE	{ 20 New Bridge Street, E.C. (Biceps, London.)
1891 Dec. 1.	VIBART, GEORGE .. ..	South Mahratta Ry., Bangalore, India.
1891 Apr. 7.	*VICARS, JAMES, M.E. ( <i>Sydney</i> )	City Surveyor, Adelaide, S. Australia.
1896 Feb. 4.	*VICKERS, JAMES WARRY ..	Finsbury Square Buildings, E.C.
1893 Dec. 5.	*VIGERS, ARTHUR EVAN .. ..	{ 25 Victoria St., S.W. (Westminster, 423.)
1896 Dec. 1.	VILLIERS, BERTRAM MONTAGU	Cotlands, St. Albans, Herts.
1897 Mar. 2.	*VINCENT, SAMUEL JOSEPH LEE	Boro' Surveyor, Newbury.
1877 Dec. 4.	*VINT, GEORGE EDWARD ..	53 Victoria Street, S.W.
1886 Jan. 12.	{ *VINTER, WALTER FREDERICK, B.A. ( <i>Cantab.</i> ) .. .. }	Glenville, Walton-on-Thames.
1894 Jan. 9.	{ VIQUEIRA, JOSÉ LOPEZ-CORTON, B.A. ( <i>Madrid</i> ) .. .. }	Plaza de Orense, La Coruña, Spain.
1887 May 3.	{ VISVESVARAIYA, MOKSHAGUN- DAM, B.A. ( <i>Madras</i> ) .. .. }	10 Queen's Gardens, Poona, India.
1880 Apr. 6.	VIVIAN, WALTER MORRISON ..	Vellore, North Arcot, Madras.
1887 Jan. 11.	*VOGAN, HAROLD SEBASTIAN ..	Ry. Dept., Bridge St., Sydney, N.S.W.
1902 Jan. 14.	{ VOLLMER, GEORGE FREDERICK, M.Sc. ( <i>Victoria</i> ) .. .. }	Denver Union Water Co., Denver, Colo., U.S.
1882 Dec. 5.	*VOYSEY, HENRY WESLEY ..	{ 53 Westbere Road, West Hamp- stead, N.W.

Date of Election.		ASSOCIATE MEMBERS.	
✠	1887 Dec. 6.	*WACKRILL, ALFRED EDWARD	{ Mrs. Gee, Rope Walk, Nottingham.
	1888 Feb. 7.	*WADDELL, GEORGE .. .. .	P.W.D., Colombo, Ceylon.
	1890 Dec. 2.	WADDELL, WILLIAM .. .. .	5 Romilly Road, Barry, Cardiff.
	1883 Dec. 4.	*WADDINGTON, RICHARD .. .. .	{ 35 King William Street, E.C. (Bank 518.)
	1888 Feb. 7.	*WADDINGTON, SAMUEL SUGDEN	7 Derwent Road, Anerley, S.E.
	1893 May 2.	{ *WADE, EDWARD HYDE ROBERT } WYBRANTS .. .. .	Railway Avenue, Colombo, Ceylon.
	1894 May 1.	*WADE, HENRY JAMES SEATON	H.M. Dockyard, Gibraltar.
	1894 Dec. 4.	*WADE, JAMES SCARGILL .. .. .	Railway Dept., Sydney, N.S.W.
	1889 Dec. 3.	{ WADE, LESLIE AUGUSTUS BUR- } TON .. .. .	Water Conservation Branch, Mines Dept., Sydney, N.S.W.
	1900 Mar. 6.	WADE, ROWLAND, B.A.I. (Dubl.)	Downshire Road, Newry, co. Down.
	1896 Mar. 3.	WADE, WILLIAM REGINALD .. .. .	The Mount, Henbury, Macclesfield.
	1898 Dec. 6.	WADLEY, ALFRED JOHN .. .. .	P.W.D., Shahpur, Punjab.
	1898 Mar. 1.	WAGSTAFF, EDWARD WYNTER	Railway, Rangoon, Burma.
	1894 Mar. 6.	WAGSTAFF, WILLIAM HENRY	57 Salter Gate, Chesterfield.
	1899 Dec. 5.	WRIGHT, EARLE ROBERTS .. .. .	{ Engineer's Office, S.E. Ry., London Bridge, S.E.
	1898 Dec. 6.	WAINWRIGHT, JOHN WILLIAM	{ Parliament Mansions, Victoria Street, S.W. (Retocar, London. Westminster 5323.)
	1894 Mar. 6.	{ *WAITE, EDWARD WILLIAM } WILKINS .. .. .	Gas & Water Works, Barry, Cardiff.
	1882 May 23.	*WAKEFIELD, HENRY TYNDALL	County Council, Spring Gardens,
	1894 Feb. 6.	WAKEFORD, JOHN PERCY .. .. .	Town Hall, Bilston. [S.W.]
	1888 Apr. 10.	WALDRON, FRANK WILLIAM .. .. .	{ Harbour Works, Mossel Bay, Cape Colony.
m ✠	1896 May 19.	*WALES, WILLIAM GARNEYS .. .. .	{ Priestfield, Mowbray Road, Upper Norwood, S.E.
	1897 Apr. 6.	WALKER, ALBERT HARRY .. .. .	Boro' Surveyor, Loughborough.
	1888 Dec. 4.	WALKER, ALEXANDER .. .. .	Arauco Co., Coronel, Chili.
	1890 Mar. 4.	WALKER, ALEXANDER THOMSON	Waterworks, Reading.
	1904 Jan. 12.	{ *WALKER, ARCHIBALD CRAIG } B.Sc. (Glas.) .. .. .	256 Renfrew Street, Glasgow.
	1904 Apr. 12.	WALKER, CHARLES CLEMENT	{ "Lilleshall," Bishopswood Road, Highgate, N.
	1903 Jan. 13.	{ WALKER, CYRIL TURNER, } B.Sc. (Edin.) .. .. .	Nizam's Ry., Secunderabad, Deccan.
	1904 Apr. 12.	WALKER, GEORGE DUTTON .. .. .	{ Albion Chambers, King Street, Nottingham.
	1884 Dec. 2.	WALKER, HERBERT .. .. .	{ Albion Chambers, King Street, Nottingham.
	1901 Apr. 2.	{ WALKER, HORATIO EDGAR } DAWSON .. .. .	Engineer's Office, G.N.R., 74 Wellington Street, Leeds.
	1900 Dec. 4.	*WALKER, JOAH HAIGH .. .. .	{ 18 Blenheim Street, Newcastle-on-Tyne.
	1892 Apr. 5.	WALKER, JOSEPH ROBERT .. .. .	Caixa 711, Rio de Janeiro.
	1891 Dec. 1.	*WALKER, MURRAY .. .. .	Box 97, Cape Town, C.C.
	1904 Apr. 12.	WALKER, NORMAN DE COURCY	{ Canadian Pacific Ry., Montreal, Canada.
	1879 Dec. 2.	WALKER, ROBERT .. .. .	17 South Mall, Cork.
	1891 Dec. 1.	{ *WALKER, ROBERT, Jun., } B.E. (Royal) .. .. .	17 South Mall, Cork.
	1900 Dec. 4.	*WALKER, ROBERT WILLIAMSON	3 Golden Square, Aberdeen.
	1885 Dec. 1.	WALKER, SYDNEY FERRIS .. .. .	Bloomfield Crescent, Bath.
	1889 Dec. 3.	WALKER, WILLIAM .. .. .	{ Lansdowne Crescent, Hobart, Tasmania.
	1896 Feb. 4.	WALKER, WILLIAM DOUGLAS .. .. .	{ Ry. Construction Dept., Sydney, N.S.W.



Date of  
Election.

## ASSOCIATE MEMBERS.

✠	1895	May 21.	WALKER, WILLIAM GEORGE ..	{ 47 Victoria Street, S.W. (Versuchen, London.)
	1900	Jan. 9.	{ *WALKER, WILLIAM MONT- GOMERY, B.E. ( <i>Royal</i> ) .. .. }	Kilcadden, Killygordon, co. Donegal.
	1875	Dec. 7.	*WALKER, ZACCHEUS .. ..	Fox Hollies Hall, nr. Birmingham.
	1894	Feb. 6.	WALL, BENSON PARSICK ..	Box 1121, Johannesburg, Transvaal.
	1880	Dec. 7.	*WALLACE, JOHN HENRY ..	Cliffdale, Highlands Station, Natal.
	1882	May 23.	*WALLACE, LAWRENCE AUBREY	H. S. King & Co., Pall Mall, S.W.
	1895	Dec. 3.	WALLACE, WILLIAM CARLILE	{ Sirveco Engineering Co., 22 Thames Street, New York, U.S.
	1904	Jan. 12.	{ WALLACE, WILLIAM MAC- GREGOR .. .. }	De Beers Science School, Kimberley, Cape Colony.
	1893	Mar. 7.	*WALLER, ARTHUR HERBERT ..	{ Boro' Engineer's Office, Durban, Natal.
	1895	May 21.	*WALLER, BERTRAM BRAUND ..	16 Dorville Road, Lee, S.E.
	1896	Dec. 1.	WALLER, RICHARD FITZARTHUR	Magnet Mine, Waratah, Tasmania.
	1894	Dec. 4.	*WALLICH, EDWARD HENRY ..	{ Seremban, Negri Sembilan, Malay States.
	1884	May 27.	WALLINGTON, JAMES .. ..	Rua do Ouvidor 139, Rio de Janeiro.
	1889	May 21.	WALLIS-JONES, REGINALD JOHN	50 Queen Anne's Gate, S.W.
	1879	Feb. 4.	WALLNUTT, RICHARD .. ..	{ 9 Norfolk Street, Moome Ponds, Melbourne, Victoria.
	1883	Feb. 6.	{ *WALROND, THEODORE CHARLES TROUBRIDGE .. .. }	47 Victoria Street, S.W. (Logistics, London, Westminster 12.)
m	1904	Jan. 12.	*WALSH, ARTHUR CLIFFE ..	{ S. Pearson & Son, New Dock Works, Malta.
	1885	Feb. 3.	*WALSH, CHARLES ARROWSMITH	King, Hamilton & Co., Calcutta.
	1898	Apr. 5.	WALSH, CHARLES PEREGRINE ..	c.o. H. S. King & Co., Pall Mall, S.W.
	1894	Dec. 4.	WALSH, THOMAS LISTER ..	Cristobal, Kent Road, Harrogate.
	1898	Dec. 6.	{ WALTER, LOUIS HEATHCOTE, M.A. ( <i>Cantab.</i> ) .. .. }	4 Glendower Place, S.W.
	1886	Mar. 2.	*WALTERS, HARRY ERNEST ..	2 Great George Street, S.W.
	1902	Dec. 2.	*WARD, ARTHUR WALBURGH ..	Guildhall, Northampton.
	1892	Dec. 6.	WARD, ARTHUR WILLIAM ..	Shandon, Merton Road, Southsea.
	1889	May 7.	*WARD, EDWARD THOMPSON ..	Winnington Street, Northwich.
	1891	Dec. 1.	*WARD, FREDERICK DARWENT	38 High Street, Welshpool.
	1902	Apr. 8.	WARD, GODFREY .. ..	City Surveyor's Office, Birmingham.
	1891	Dec. 1.	WARD, JAMES CARPENTER ..	Milford Docks, Milford Haven.
	1892	May 24.	WARD, THOMAS .. ..	Grey Street, Wellington, N.Z.
	1888	Dec. 4.	WARD, THOMAS HENRY .. ..	E.I. Ry., Giridih, India.
	1885	Dec. 1.	*WARD, THOMAS RAWDON ..	P.W.D., Colombo, Ceylon.
	1896	Jan. 14.	*WARD, THOMAS ROBERT JOHN	Irrigation Branch, P.W.D., Punjab.
	1891	Dec. 1.	{ *WARD, THOMAS WILLIAM CHAPMAN, B.A., B.E. ( <i>Sydney</i> ) }	{ Metropolitan Board of Water Supply and Sewerage, 341 Pitt Street, Sydney, N.S.W.
	1884	Mar. 4.	*WARD, WILLIAM PETTIT .. ..	Hayes Lane, Bromley Common, Kent.
	1887	Dec. 6.	*WARDE, CHARLES PARRY ..	P.W.D., Saidpore, Bengal.
	1877	Dec. 4.	*WARDLE, JAMES WILLIAM ..	Borough Engineer, Longton.
	1887	Dec. 6.	WARE, GEORGE WEBB .. ..	Dumri P.O., viâ Giridih, Bengal.
	1895	Dec. 3.	WARE, STANLEY DAWSON ..	{ Pollavaram, Godavery District, Madras.
✠	1898	Dec. 6.	WARK, WILLIAM .. ..	9 Macquarie Place, Sydney, N.S.W.
	1888	Dec. 4.	WARNER, WILLIAM .. ..	Westwood, Clumber Rd., Nottingham.
	1897	Feb. 2.	*WARREN, HAROLD .. ..	6 St. Andrew's Street, Cambridge.
	1897	Feb. 2.	{ *WARREN, HENRY BONIFINT GORDON .. .. }	Oid Castle Buildings, Liverpool.
	1886	May 4.	*WARREN, JOHN ALEXANDER ..	94 Hope Street, Glasgow.
	1885	May 19.	WARREN, WILLIAM .. ..	30 St. Swithin's Lane, E.C.
	1842	May 3.	WARRINER, HENRY .. ..	6 The Grove, Clapham Road, S.W.
	1887	Dec. 6.	*WASEY, GEORGE KINDERSLEY	
	1888	Jan. 10.	WATANABE, KAICHI, B.Sc. ( <i>Glas.</i> )	{ 13 Omote-Sanchome, Akasaka, Tokio, Japan.

Date of Election.		ASSOCIATE MEMBERS.	
1899 Apr. 11.	{	WATERHOUSE, LAURENCE	Wilbraham Mansions, Wilbraham
		MAXWELL .. .. .	Place, Sloane Square, S.W.
1904 Feb. 2.	*	WATERS, WILLIAM .. .. .	6 South Square, Gray's Inn, W.C.
1895 Feb. 5.	{	WATHEN, HENRY ARTHUR	Waterton, Auchmill, Aberdeenshire.
		DOUGLAS .. .. .	
1885 Apr. 14.		WATKEYS, GEORGE .. .. .	Goring Road, Llanelly.
1897 Mar. 2.		WATKINS, ARTHUR ANDERSON	79 Vanbrugh Park, Blackheath, S.E.
1875 Dec. 7.		WATKINS, STEPHEN .. .. .	Prince's Chambers, Wolverhampton.
1895 Feb. 5.		WATKINS, STEPHEN .. .. .	Ottoman Railway, Smyrna.
1891 Dec. 1.	*	WATKINS, WILFRID JOHN ARIS	{ 106 Chichele Road, Cricklewood, N.W.
1901 Apr. 2.	{	WATNEY, GERARD NORMAN,	Valence, Westerham, Kent.
		B.A. ( <i>Cantab.</i> ) .. .. .	
m † 1899 Mar. 7.	*	WATSON, ARTHUR .. .. .	L. & Y. Ry., Bolton.
1898 Apr. 5.		WATSON, CHARLES .. .. .	Central Station, Newcastle-on-Tyne.
1891 Feb. 3.		WATSON, CLAUD ROBERT ..	{ Carment, Wedderburn & Watson, 32 Albany Street, Edinburgh.
1896 Dec. 1.	*	WATSON, FRANK LESLIE ..	2 Balmoral Terrace, Shaw Lane, Leeds.
1893 Dec. 5.		WATSON, FREDERICK MACKMAN	Selwood, Rotherham.
St † 1894 Dec. 4.	*	WATSON, GEORGE .. .. .	Stonegate, Pool-in-Wharfedale.
1898 Mar. 1.		WATSON, JAMES FALSHAW ..	15 Shaw Lane, Headingley, Leeds.
1886 May 18.	*	WATSON, JOHN DUNCAN .. ..	Tyburn, near Birmingham.
1902 Dec. 2.	{	WATSON, JOHN FRANCIS,	Improvement Trust, Bombay.
		B.E. ( <i>Royal</i> ) .. .. .	
1896 Dec. 1.		WATSON, JOHN LOVEGOOD ..	{ Thos. Cook & Son, Ludgate Circus, E.C.
1899 Dec. 5.	*	WATSON, JOHN WILLIAM ..	Omega Cottage, Charmouth, Dorset.
1899 Apr. 11.	*	WATSON, LEONARD KINGSLEY	41 Oakfield Road, Croydon.
1895 Apr. 2.		WATSON, THOMAS .. .. .	{ Resident Engineer, Coolgardie, Western Australia.
1901 Apr. 2.	*	WATSON, THOMAS AUBREY ..	Bosigran, Whytecliffe Road, Purley.
1903 Jan. 13.	*	WATT, JAMES .. .. .	3 Golden Square, Aberdeen.
m † 1897 Apr. 6.		WATT, THOMAS HARKNESS ..	53 Bothwell Street, Glasgow.
1878 Feb. 5.	*	WATTS, GEORGE KEMP THORNE	{ c.o. Watson & Co., 7 Waterloo Place, S.W.
m 1877 May 29.	*	WATTS, NICHOLAS .. .. .	Bank Buildings, Bristol.
1902 Apr. 8.		WATTS, WILLIAM .. .. .	Underbank Hall, Deepcar, Penistone.
1896 Dec. 1.	*	WAY, ARTHUR GEORGE .. ..	{ Westminster Engineering Co., Victoria Rd., Willesden Junction, N.W.
1901 Mar. 5.		WAY, EDWARD JOHN .. ..	{ New Kleinfontein Co., P.O., Benoni, Transvaal.
1893 Apr. 11.	{	*WAYNFORTH, Professor HARRY	King's College, Strand, W.C.
		MORTON .. .. .	
1888 Dec. 4.		WEARING, WILLIAM .. .. .	9 Ribblesdale Place, Preston.
1891 Apr. 7.		WEAVER, EDWARD .. .. .	Saltfleet St. Peter's, Louth, Lincs.
1882 Dec. 5.		WEAVER, HENRY EDWARD ..	{ Caixa do Correio 54, Manaus, Amazonas, Brazil.
1886 Dec. 7.		WEBB, RICHARD GEORGE ..	{ Richardson & Cruddas, Byculla, Bombay.
1887 May 3.	*	WEBSTER, CHARLES .. .. .	32 Ellesmere Road, Chiswick, W.
1890 Apr. 1.	*	WEBSTER, GEORGE JOHNSTON	{ Drainage Board, Whakatane, Auckland, N.Z.
1890 Dec. 2.		WEBSTER, JAMES PHILIP ..	{ Boro' Engineer, Marrickville, Sydney, N.S.W.
1875 Apr. 6.		WEBSTER, JOHN .. .. .	Exning, Newmarket.
1903 Apr. 7.	*	WEDGWOOD, ARTHUR FELIX ..	{ 7 Sydenham Terrace, Newcastle-on-Tyne.
1899 Dec. 5.	*	WEEKES, MICHAEL GEORGE ..	{ Derwent Valley Water Board, Bamford, Sheffield.
1893 Feb. 7.	*	WEEKES, ROBERT WILLISHER ..	65 Hayes Road, Bromley, Kent.
1904 Feb. 2.	{	*WEEKLEY, CHARLES,	16 Brook Green, Hammersmith, W.
		B.A. ( <i>Cantab.</i> ) .. .. .	

Date of Election.		ASSOCIATE MEMBERS.	
1902 Dec. 2.	WEIGHTMAN, THOMAS JACKSON	{	Engineer's Office, G.N. Ry., King's Cross, N.
1885 May 19.	{ WEINSCHENCK, GUILHERME BENJAMIN .. .. . }	{	Caixa 27, Santos, Brazil.
1903 Apr. 7.	WEIR, JAMES SCOTT .. ..	{	Borough Engineer's Office, Halifax.
1894 Dec. 4.	*WEIR, WILLIAM PARK .. ..	{	13 Rowallan Gardens, Partick, Glasgow.
1892 Mar. 1.	{ *WEISS, CHARLES THEODORE HERMANN .. .. . }	{	T. Bolton & Sons, Oakamoor, Stoke-on-Trent.
1878 May 7.	*WEISS, HUBERT AUGUST OTTO	{	Greifswalderstrasse 140, Berlin.
1880 May 4.	WELCH, ERNEST FREDERICK ..	{	Chargrove Lawn, Cheltenham.
1886 Jan. 12.	WELCH, JAMES WILLIAM ..	{	27 Victoria Buildings, Manchester.
1890 Dec. 2.	*WELDON, HERBERT NICOL ..	{	Norwood Union Chambers, Chamberlain Square, Birmingham.
1885 Feb. 3.	WELLER, HARRY WRAY .. ..	{	New York Life Building, Place d'Armes, Montreal, Canada.
1895 Dec. 3.	WELLS, GEORGE JAMES .. ..	{	138 Marslands Road, Brooklands, Manchester.
1904 Jan. 12.	WELLS, FREDERICK BEAUCHAMP	{	Oficina Via y Obras, Ferro Carril del Sud, Buenos Aires.
m 1903 Mar. 3.	{ *WELLS, LIONEL FORTESCUE, B.Sc.(Victoria.) .. .. . }	{	Beddgelert, North Wales.
m ✠ 1891 Dec. 1.	*WELLS, SIDNEY HERBERT ..	{	Polytechnic Institute, Battersea, S.W.
* 1892 Mar. 1.	WELSH, ALEXANDER .. ..	{	7 Morningside Place, Edinburgh.
1883 Apr. 3.	WELTON, WILLIAM SHAKESPEARE	{	Elm Road, Wembley, Middlesex.
1895 Feb. 5.	*WELTON, WILLIAM SMART ..	{	73 The Chase, Clapham Common, S.W.
1881 May 3.	WESTERN, MAXIMILIAN RICHD.	{	Broadway Chambers, Westminster, S.W.
1903 Feb. 3.	{ *WESTON, CHARLES FRANCIS RUSSELL NUGENT .. .. . }	{	32 Beaufort Road, Edgbaston, Birmingham.
1887 May 24.	WESTON, HARRY JACOB .. ..	{	24 Portland Street, Southampton.
1886 Dec. 7.	*WHATELY, RICHARD .. ..	{	Bombay, Baroda & C. I. Ry., India.
1899 Jan. 10.	WHEAT, FREDERICK SYKES ..	{	18 King's Road, Doncaster.
1894 Apr. 3.	*WHEATLEY, HENRY LAWRENCE	{	Caixa 711, Rio de Janeiro.
1899 Dec. 5.	WHEELER, EDWIN .. ..	{	G. N. Ry., Peterborough.
1883 Feb. 6.	{ WHEELER, GEORGE ROBERT WELBY .. .. . }	{	15 Dalebury Road, Upper Tooting, S.W.
1893 Dec. 5.	*WHETHAM, STEPHEN LLOYD ..	{	c.o. Austen Whetham, Bridport.
1885 May 19.	{ WHINFIELD, JOHN HENRY RICHARD .. .. . }	{	Brambletye, Cavendish Road, Sutton, Surrey. [Colony.]
1893 Dec. 5.	WHITAKER, GEORGE REGINALD	{	Govt. Rys., East London, Cape
1891 Dec. 1.	*WHITAKER, JAMES .. ..	{	H. Simon, 20 Mount St., Manchester.
1904 Jan. 12.	{ *WHITAKER, JOHN STANLEY, B.Sc.(Victoria) .. .. . }	{	North-Eastern Railway Dock Office, Hull.
1892 Apr. 5.	*WHITE, CHARLES STANLEY ..	{	8 Guilford Place, Russell Square, W.C.
1878 Feb. 5.	*WHITE, EDWIN JAMES .. ..	{	Lambeth Brass & Iron Co., Short Street, Lambeth, S.E.
1887 Mar. 1.	WHITE, GEORGE .. ..	{	The Farm, Mexborough.
m ✠ 1894 Dec. 4.	*WHITE, HENRY THOMAS .. ..	{	Handyside & Co., Derby.
1900 Apr. 3.	WHITE, JOHN HENRY .. ..	{	King, King & Co., Bombay.
1893 Dec. 5.	WHITE, ROBERT HENRY .. ..	{	The Elms, Field Lane, Litherland, Liverpool.
1894 Feb. 6.	WHITE, SYDNEY HERBERT ..	{	A. T. Walmisley, 9 Victoria St., S.W.
1887 Mar. 1.	{ WHITE, THOMAS CHARLES HUTCHINSON .. .. . }	{	28 Cromwell Grove, Hammersmith, W.
1896 Mar. 3.	{ WHITE, WILLIAM DONALD WILSON .. .. . }	{	7 Grosvenor Terrace, Ayr, N.B.
1901 Dec. 3.	WHITE, WILLIAM HENRY JOHN	{	Municipal Offices, Cheltenham.
1897 Dec. 7.	*WHITE, WILLIAM HERBERT ..	{	10 Suffield Chambers, 79 Davies Street, W.



Date of Election.	ASSOCIATE MEMBERS.	
1899 Apr. 11.	*WHITEFORD, ERIC HAMILTON	{ Derwent Valley Water Board, Bamford, Sheffield.
1902 Mar. 4.	{ WHITELAW, ANDREW HEPBURN, B.Sc. (Glas.) .. .. }	45 John Street, Glasgow.
1893 Dec. 5.	*WHITELAW, JOHN .. ..	46 Albany Street, Edinburgh.
1893 Dec. 5.	WHITELOW, EDWARD TURNER	70 Deansgate, Manchester.
1893 May 2.	WHITHARD, BROOKE MIDDLEMORE	{ Sewell & Crowther, 18 Cockspur Street, S.W.
1904 Apr. 12.	*WHITTLE, FREDERIC EDWIN	H.M. Dockyard, Portsmouth.
1880 Mar. 2.	*WHITMORE, LAWRENCE HERSEE	Box 163, Bulawayo, Rhodesia.
1900 Dec. 4.	WHITTOW, THOMAS .. ..	6 Smith Square, Westminster, S.W.
1893 Mar. 7.	WHITWORTH, THOMPSON .. ..	{ 3 York Terrace, Eglinton Road, Plumstead, S.E.
1896 Jan. 14.	WHITWORTH, WALTER STANLEY	{ Koffyfontein Mines, Orange River Colony.
1892 Dec. 6.	WHYATT, HENRY GILBERT ..	Borough Engineer, Great Grimsby.
1896 May 5.	WHYTE, JAMES .. ..	{ New Junction Canal, Stainforth, Doncaster.
1888 Jan. 10.	*WHYTE-BUTLER, ARTHUR HENRY	{ 14 Phoenix Lodge Mansions, Brook Green, W.
1895 Dec. 3.	WICKHAM, FRANCIS EDMUND ..	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1898 Mar. 1.	*WICKHAM, WILLIAM HENRY ..	Hong Kong Electric Co., Hong Kong.
1893 Jan. 10.	WIGG, WILLIS .. ..	150 Fosse Road, Leicester.
1893 Mar. 7.	WIGNALL, JOHN ROBERT .. ..	Blackwell & Co., 59 City Road, E.C.
1876 Mar. 7.	WILD, JOSEPH HENRY .. ..	Box 247, Johannesburg, Transvaal.
1894 Dec. 4.	WILDER, FRANCIS LANGHAM ..	Sulham, Pangbourne, Reading.
1904 Apr. 12.	WILKINSON, FRANK .. ..	Peel House, Shawforth, Rochdale.
1885 Feb. 3.	*WILKINSON, HENRY WALL ..	{ 2 Queen Anne's Gate, Westminster, S.W.
1887 Feb. 1.	WILKINSON, JAMES PICKLES ..	{ 301 Corn Exchange Chambers, Cathedral Street, Manchester.
1890 Apr. 1.	*WILKINSON, WILLIAM FISCHER	{ Consolidated Goldfields of South Africa, 8 Old Jewry, E.C.
1904 Jan. 12.	{ WILLANS, THOMAS BOWDEN, M.Sc. (Victoria) .. .. }	10 Crosby Street, Stockport.
1883 Feb. 6.	*WILLCOX, JOSEPH EDWARD ..	63 Temple Row, Birmingham.
1897 Apr. 6.	WILLEY, HENRY ALFRED .. ..	{ 3 Pennsylvania Park, Exeter. (Sylvan, Exeter. 133.)
1892 Dec. 6.	WILLIAMS, ARTHUR EDWARD	Dagenham Dock, Romford.
1895 Dec. 3.	{ WILLIAMS, ARTHUR EDWARD, B.A. (Cantab.) .. .. }	H. Pontifex & Sons, Shoe Lane, E.C.
1895 Feb. 5.	*WILLIAMS, ARTHUR JOHN ..	{ H.M. Naval Yard Extension, Hong Kong.
1895 Dec. 3.	WILLIAMS, CHARLES BEYNON ..	P.W.D., Gujranwala, Punjab.
1881 Apr. 5.	*WILLIAMS, CLAUDE ST. MAUR	Belle Vue, Harrow-on-the-Hill.
1902 Dec. 2.	{ WILLIAMS, CECIL WRENNE, B.A. (Cantab.) .. .. }	Mersey Docks, Liverpool.
1889 May 7.	WILLIAMS, ERNEST .. ..	{ Bewick, Moreing & Co., Box 965, Johannesburg, Transvaal. [port.
1892 May 24.	WILLIAMS, FRANK LIONEL ..	4 Molesworth Terrace, Stoke, Devon.
✠ 1897 Dec. 7.	*WILLIAMS, GEORGE BRANSBY ..	{ 5 Kensington Mansions, Earl's Court, S.W.
1881 Feb. 1.	*WILLIAMS, JOHN HENRY ..	48 Halford Rd., Richmond, S.W.
1900 Feb. 6.	*WILLIAMS, JOHN HUW .. ..	State Ry. Dept., Perak, S.S.
1887 Dec. 6.	WILLIAMS, ROBERT .. ..	{ 30 Clement's Lane, E.C. (Egophany, London. 1249.)
1904 Jan. 12.	WILLIAMS, STEPHEN GEORGE	Municipal Offices, Singapore, S.S.
1897 Feb. 2.	{ *WILLIAMS, STEPHEN MAYNARD JENOUR .. .. }	Madras Ry., Rayapuram, Madras.
1893 Dec. 5.	{ WILLIAMS, WILLIAM HUM- PHREYS .. .. }	Engineer's Office, Maritime Chambers, Docks, Southampton.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1896 Apr. 14.	{ WILLIAMS, WILLIAM RICHARD, F.C.H. . . . . }	Irrigation Dept. Alexandria, Egypt.
m	1871 Dec. 5.	*WILLIAMS, WILLIAM WALTON	Messrs. Lysaght, Gibraltar.
	1903 Mar. 3.	{ *WILLIAMS - ELLIS, RUPERT GREAVES, B.A. ( <i>Cantab.</i> ) . . }	Ferry Works, Thames Ditton, Surrey.
	1904 Mar. 1.	{ WILLIAMSON, ALEXANDER, B.Sc. ( <i>Glas.</i> ) . . . . }	Craigbarnet, Greenock, N.B. [port.
	1896 Feb. 4.	*WILLIAMSON, ALFRED ARTHUR	Works Dept., H.M. Dockyard, Devon-
	1892 Apr. 5.	*WILLIAMSON, ANDREW . . . .	Cananore, N. Malabar, India.
	1890 Jan. 14.	*WILLIAMSON, ARTHUR . . . .	City Engineer's Dept., Cape Town,
	1892 Mar. 1.	WILLIAMSON, RICHARD . . . .	South Lodge, Cockermouth. [C.C.
	1886 May 18.	*WILLINK, WILHEM . . . . .	35 Copthall Avenue, E.C.
	1901 Apr. 2.	WILLIS, EDWARD . . . . .	{ Public Offices, Dyne Road, Kil- burn, N.W.
	1902 Apr. 8.	*WILLIS, JOHN BURDETT . . . .	27 Pulteney Rd., South Woodford.
	1878 May 28.	*WILLIS, ROBERT HENRY . . . .	29 Grafton St., Fitzroy Square, W.
	1894 Mar. 6.	WILLIS-VOLLAIRE, GEORGE . .	{ London Sanitary Protection Associa- tion, 13 Charles St., St. James', S.W.
	1895 Dec. 3.	{ *WILLMOTT, HERBERT MORTON, F.C.H. . . . . }	c.o. Griudlay & Co., Parliament Street, S.W.
	1898 Dec. 6.	{ *WILLOUGHBY, PERCIVAL ROBERT AUGUSTUS . . . . }	Council Offices, Pontypridd, Glamorgan.
	1896 Mar. 3.	{ *WILLS, BERNARD RUSSELL, B.A. ( <i>Cantab.</i> ) . . . . }	Brennan Torpedo Factory, Chatham.
	1899 Feb. 7.	WILSHERE, FRANK . . . . .	24 Queen Anne's Gate, S.W.
	1898 Dec. 6.	WILSON, ALAN . . . . .	{ Wilson and Neubronner, Penang, S.S.
	1904 Jan. 12.	*WILSON, ALBERT, B.Sc. ( <i>Lond.</i> )	Sanitary Commission, Gibraltar.
	1897 Apr. 6.	WILSON, ALEXANDER COWAN	{ L. P. Nott, 17 Priory Street, Birken- head.
	1869 Dec. 7.	WILSON, ALEXANDER FAIRLIE	Burnbrae, Balfour, N.B.
	1902 Dec. 2.	WILSON, ANDREW . . . . .	14 Queen Street, Edinburgh.
	1879 Feb. 4.	*WILSON, ARTHUR HENRY . . . .	5 Clifton Hill, Clifton, Bristol.
	1894 Dec. 4.	WILSON, DANIEL ELLIS . . . .	{ Ras-el-Haleeg, Gharbich, Lower Egypt.
	1903 Feb. 3.	WILSON, DAVID, B.E. ( <i>Royal</i> )	{ Engineer-in-Chief's Office, Govt. Rys., Maritzburg, Natal.
	1904 Jan. 12.	WILSON, EDWARD ARTHUR . . . .	Half Acres, Bishop's Stortford.
	1895 Mar. 5.	*WILSON, ERNEST MOORE . . . .	{ Reduction of Gradients, Eastern System, Cape Colony.
	1904 Apr. 12.	WILSON, FREDERICK . . . . .	40 Leopold Rd., St. Andrews, Bristol.
t ♣	1898 Mar. 1.	{ WILSON, GEORGE, D.Sc. ( <i>Victoria.</i> ) . . . . }	151 Hamilton Road, Longsight, Manchester.
	1879 Mar. 4.	WILSON, JAMES, <i>Pasha</i> . . . .	{ 19 Lymington Road, West Hamp- stead, N.W.
	1902 Apr. 8.	WILSON, JOHN FAIRWEATHER	{ Dockyard Extension, Simon's Town, Cape Colony.
	1904 Jan. 12.	WILSON, JOHN FRANCE . . . .	{ Gloucester Place, Ashton-under- Lyne.
	1903 Feb. 3.	*WILSON, JOHN SIGISMUND . . . .	{ 19 Lymington Road, West Hamp- stead, N.W.
	1898 Jan. 11.	WILSON, JOSEPH BOWMAN . . . .	Court House, Cockermouth.
	1888 Jan. 10.	*WILSON, MAURICE . . . . .	Engineering School, Crystal Palace,
	1895 Dec. 3.	*WILSON, NORMAN FORSTER . . . .	5 Bankfield, Kendal. [S.E.
	1893 Dec. 5.	{ *WILSON, NORMAN MCLEOD RAMSAY . . . . . }	Dearne Valley Ry., Barnbrough, Doncaster.
	1898 Dec. 6.	WILSON, ROBERT MACDONALD	E.B.S. Ry., Krishnagar, Nadia, Bengal.
	1886 Dec. 7.	WILSON, THOMAS BRIGHT . . . .	Epworth Lodge, Ashcroft, Cirencester.
	1876 Apr. 4.	WILSON, THOMAS PERCEVAL . . . .	{ Easton, Anderson & Goolden, Broad Sanctuary Chambers, S.W.
	1896 May 5.	WILSON, WILLIAM . . . . .	Board of Works, Melbourne, Victoria.

Date of Election.		ASSOCIATE MEMBERS.	
m	1875 Mar. 2.	*WILTON, FRANCIS .. .. .	{Knockeevan, Priest Hill, Caversham, Reading.
m	1902 Dec. 2.	{*WIMPERIS, HARRY EGERTON, .. .. . B.A. ( <i>Cantab.</i> ) .. .. .	{20 Granard Road, Wandsworth Common, S.W.
	1871 Dec. 5.	WINCKLER, GEORGE WALTER .. .. .	Winnipeg, Canada. [chester.
	1899 Apr. 11.	*WINDER, OLIVER .. .. .	Ely House, Newton Heath, Man-
	1891 Apr. 7.	WINDER, THOMAS .. .. .	Norfolk Estates Office, Sheffield.
	1873 May 20.	*WINDHAM, FRANCIS .. .. .	{c.o. J. Walker, Station Road, Chingford.
	1896 Dec. 1.	WINDLE, JAMES FITZGERALD .. .. .	County Surveyor's Office, Limerick.
	1886 Feb. 2.	*WINDOW, EDMUND RICHARD .. .. .	2 Church Street, Liverpool.
	1903 Feb. 3.	{*WINDSOR, DOUGLAS HALLI- BURTON .. .. .	{Superintending Engineer's Office, H.M. Dockyard, Portsmouth.
	1902 Jan. 14.	{*WINGATE-SAUL, ARTHUR WIN- GATE .. .. .	{Yates & Thom, Canal Foundry, Blackburn.
	1898 Dec. 6.	WINN, THOMAS JOHN .. .. .	44 Hildrop Crescent, Camden Rd., N.
	1879 Feb. 4.	WINSHIP, GEORGE .. .. .	Borough Surveyor, Abingdon.
✠	1897 Mar. 2.	{WINSLOW, GILBERT, .. .. . B.A. ( <i>Cantab.</i> ) .. .. .	{Macquece Manica, Portuguese East Africa.
	1887 Feb. 1.	WINSTANLEY, WILLIAM .. .. .	Gasworks, Newcastle-under-Lyne.
	1895 May 21.	WINTER, GEORGE BLISS .. .. .	S. Indian Ry., Trichinopoly, India.
	1894 Dec. 4.	WINTER, OLIVER ERNEST .. .. .	{Borough Engineer, Town Hall, Haverstock Hill, N.W.
	1902 Jan. 14.	*WISE, JULIAN STANTON .. .. .	{Dalzien, West Heath Road, Abbey Wood.
	1892 Feb. 2.	*WISSENDEN, REGINALD .. .. .	{Contractor's Office, Lofthouse, Pateley Bridge, Leeds.
	1885 Jan. 13.	WISWALL, FRANCIS .. .. .	Stanley Villas, Runcorn.
	1903 Mar. 3.	*WISWALL, WALTER HARTLEY .. .. .	Ship Canal, Runcorn, Cheshire.
	1875 Dec. 7.	WITTS, GEORGE BACKHOUSE .. .. .	Hill House, Leckhampton, Chelten-
	1895 Jan. 8.	WITTS, JOHN WILLIAM .. .. .	City Engineer's Office, Leeds. [ham.
	1895 Jan. 8.	*WOLFENDEN, BENJAMIN JAMES .. .. .	Boro' Engineer, Bootle.
m ✠	1899 Mar. 7.	{*WOLFF, CHARLES ERNEST, .. .. . B.Sc. ( <i>Victoria</i> ) .. .. .	{Turf Club, Cairo, Egypt.
	1892 Apr. 5.	*WOLLHEIM, ALBERT .. .. .	Giselastrasse 6, Vienna.
m	1899 Dec. 5.	{*WOLSELEY - LEWIS, FRANK .. .. . THOMAS .. .. .	{Eirianva, North Malvern.
	1888 Jan. 10.	WOLSTENHOLME, JEREMIAH .. .. .	Birley Street, Blackpool.
	1904 Jan. 12.	*WONTNER-SMITH, HOWARD .. .. .	{9 Blenheim Road, Manningham, Bradford.
	1894 Dec. 4.	*WOOD, FRANCIS .. .. .	Borough Surveyor, Fulham, S.W.
	1897 Jan. 12.	WOOD, FREDERICK JAMES .. .. .	County Surveyor, Lewes.
	1895 Dec. 3.	WOOD, JAMES HERBERT .. .. .	Pacific Co., Pacasmayo, Peru.
	1897 Feb. 2.	WOOD, JOHN EGERTON .. .. .	{Mýnbouw Maatschappij "Loemar," viá Singkawang, Dutch Borneo.
	1887 Dec. 6.	*WOOD, WALTER GUNNELL .. .. .	P.W.D., Faizabad, India. [S.W.
	1884 Dec. 2.	*WOOD, WILLIAM .. .. .	31 Studley Road, Clapham Road,
	1893 Mar. 7.	{WOODBURN, ALEXANDER, .. .. . B.Sc. ( <i>Glas.</i> ) .. .. .	{Southcote, Prestwick, N.B.
	1896 Apr. 14.	*WOOD-HILL, ARTHUR .. .. .	{37 Rosary Gardens, S. Kensington, S.W.
	1881 May 31.	*WOODS, JOHN .. .. .	Box 784, Cape Town, C.C.
	1887 Dec. 6.	WOODS, VINCENT SYDNEY .. .. .	Maryfield, Retford.
	1889 May 21.	*WOODSIDE, JOHN .. .. .	{Carnsamps, Ballycastle, co. Antrim.
	1893 Jan. 10.	{*WOODWARD, ERNEST ARTHUR .. .. . BORAMAN .. .. .	{Waterworks Engineer, Wolverhampton.
	1896 Dec. 1.	WOODWARD, HARRY PAGE .. .. .	129 Beaufort Street, Chelsea, S.W.
	1894 Feb. 6.	{*WOODWARD, HENRY RICHARD .. .. . KEMP .. .. .	{G.W. Ry., Low Level Station, Wolverhampton.
	1891 Dec. 1.	*WOODWARD, JOHN HAROLD .. .. .	8 Queen Anne's Gate, S.W.



Date of Election.		ASSOCIATE MEMBERS.	
1893 Feb. 7.	*WOOLCOCK, JOSEPH HENRY ..	Rickerby House, St. Bees.	
1897 Jan. 12.	{ *WOOLMER, HERBERT CHARLES PALAIRET .. .. . }		
✠ 1899 Dec. 5.	{ *WOORE, JOHN MAURICE SIMEON, B.E. (Sydney) .. .. . }	P.O., Claremont, Western Australia.	
1897 Apr. 6.	WOOTTON, HENRY .. .. .	F. C. Oeste, Buenos Aires.	
1882 Feb. 7.	*WORGER, DOUGLAS FITZGERALD	WaterCo., Southwark Bridge Rd., S.E.	
1898 Dec. 6.	*WORKMAN, FREDERIC DICKINSON	{ Croaghau, Kingsfield Road, New Bushey.	
1892 Jan. 12.	WORMALD, JOHN .. .. .	14 Victoria Street, S.W.	[ham.
1896 Apr. 14.	WORRALL, FRANK .. .. .	Council Offices, Long Eaton, Notting-	
1896 Apr. 14.	{ WORSÖE, ADAM FREDERIC TRAMPE .. .. . }	Drammen Foundry, Drammen, Norway.	
1889 Dec. 3.	WORTH, REGINALD TURNER ..	The Limes, Middlewich, Cheshire.	
1893 Dec. 5.	{ *WORTH, RICHARD GEORGE HANSFORD .. .. . }	42 George Street, Plymouth.	
1894 Dec. 4.	*WORTHINGTON, ARTHUR .. ..	Ash Lea, Edgeley, Stockport.	
S t ✠ 1885 May 19.	{ WORTHINGTON, EDGAR, B.Sc. (Victoria) .. .. . }	25 Ladbroke Square, W.	
1904 Jan. 12.	*WRAY, PETER REMUS ..	{ 8 Roxburgh Place, Heaton, New- castle-on-Tyne.	
1895 Jan. 8.	*WRENCH, FRANCIS HOULTON ..	{ Independent Buildings, Fargate, Sheffield.	
1887 May 3.	{ WREY, PHILIP BOURCHIER SHERARD .. .. . }	Mashonaland Agency, Bulawayo, Rhodesia.	
1894 Jan. 9.	WRIGHT, ARTHUR .. .. .	26 Park Crescent, Brighton.	
1904 Apr. 12.	*WRIGHT, CHRISTOPHER GORDON	{ Naval Works Loan Department, Hong Kong.	
1902 Apr. 8.	*WRIGHT, FRANK .. .. .	H.M. Dockyard, Malta.	
1884 Feb. 5.	*WRIGHT, FREDERICK ADLARD ..	Burton Cottage, Boston, Lincs.	
1886 Dec. 7.	*WRIGHT, HAROLD .. .. .	East Indian Ry., Asansol, India.	
1890 Feb. 4.	WRIGHT, JOHN ROBERT MOSSE	{ Suburban Waterworks, Albion Springs, Rondebosch, Cape Colony.	
1901 Apr. 23.	WRIGHT, RICHARD ERNEST ..	Railway Dept., Cape Town, C.C.	
1892 Mar. 1.	*WRIGHT, THOMAS .. .. .	{ Premier Gas Engine Co., Sandiacre, Nottingham.	
1892 Jan. 12.	WRIXON, HENRY .. .. .	G.P.O., Perth, W. Australia.	
1890 May 6.	*WYATT, HENRY HERBERT ..	{ Buckingham House, Tunbridge Wells.	
t ✠ 1883 May 29.	*WYATT, JAMES WILLIAM, F.C.H.	{ Bryn Gwynan, Beddgelert, North Wales.	
1901 Dec. 3.	*WYATT-SMITH, ALAN .. ..	76 Lansdowne Rd., Notting Hill, W.	
1878 May 7.	WYBROW, GEORGE DIGBY ..	{ Sylvabelle, Lansdown Road, Bourne- mouth.	
1894 Dec. 4.	WYLDE, THOMAS .. .. .	{ c.o. F. A. Robinson & Co., 54 Old Broad Street, E.C.	
1897 Feb. 2.	WYLLIE, JAMES BROWN .. ..	219 St. Vincent Street, Glasgow.	
1866 Feb. 6.	WYNDHAM, HENRY .. .. .	9 Victoria Street, S.W.	
1861 Feb. 5.	WYNNE, ALBERT AUGUSTUS ..	Tigroney, Ovoca, co. Wicklow.	
1899 Dec. 5.	{ *WYNNE, ARTHUR ALGERNON WARREN, M.A. (Cantab.) .. }	C. A. Parsons & Co., 66 Victoria Street, S.W.	
1871 Feb. 7.	*WYNNE, FRANCIS GEORGE ..	Lightwater, Bagshot.	
1892 Mar. 1.	*WYNNE, HENRY EDWARD ..	{ Engineer's Office, Enniskillen, Ire- land.	
1896 Dec. 1.	WYNNE, HENRY JOHN .. ..	Government Rys., Wellington, N.Z.	
1891 Dec. 1.	WYNNE, THOMAS TRAFFORD ..	Tutbury, Staffs.	
1894 Dec. 4.	WYNNE-ROBERTS, ROBERT OWEN	City Engineer, Cape Town, C.C.	
1890 Dec. 2	WYSE, ROBERT ANDERSON ..	{ Abbotsford House, Nahoon, East London, S. Africa.	

Date of Election.		ASSOCIATE MEMBERS.	
1895 Dec.	3.	*XAVIER, ISIDORE MICHAEL ..	Water Dept., Victoria, Hong Kong.
1902 Feb.	4.	YAMAGUCHI, JUNNOSUKE ..	Sanyo Railway, Kobe, Japan.
1887 Feb.	1.	*YATES, FRED SPENCER .. ..	Town Hall, Waterloo, Liverpool.
1895 Mar.	5.	YERBURY, FREDERICK AUGUSTUS	Oaklea, Grove Park, Lenzie, N.B.
1899 Dec.	5.	YOCKNEY, ALGERNON LANGSTON	{ 53 Victoria Street, S.W. (Yockney, London. P.O. Telephone—Vic- toria 53.)
1891 Dec.	1.	YORK, FRANCIS COLIN .. ..	Pacific Ry., Junin, Buenos Aires.
1895 Mar.	5.	YORK, HENRY .. .. .	District Council, New Barnet.
1900 Feb.	6.	YOSHIMURA, CHOSAKU .. ..	{ Kenchikukwa, Sascho Chinjufu, Nagasaki Ken, Japan.
m ✚ 1895 Apr.	2.	*YOUNG, ALFRED ERNEST .. ..	Govt. Survey, Perak, S.S.
1892 Jan.	12.	YOUNG, EDWARD HERBERT ..	20 Exchange Street East, Liverpool.
✚ 1891 May	12.	*YOUNG, EVELYN HENRY .. ..	{ Agent's Office, B. B. & C. I. Ry., Bombay.
1893 Dec.	5.	*YOUNG, JAMES .. .. .	{ Caerleon, Bearsden, Dumbarton- shire.
1882 Feb.	7.	*YOUNG, JULES DENT .. ..	Waterworks Office, Bath.
1889 Mar.	5.	YOUNG, ROBERT AUSTEN .. ..	Westport, N.Z.
1892 Apr.	5.	YOUNG, WILLIAM CHRISTOPHER	Mozufferpore, Tirhoot, Bengal.
1882 Dec.	5.	YOUNGER, THOMAS BROWN ..	98 Great Tower Street, E.C.
1871 Apr.	4.	YUILL, WILLIAM .. .. .	{ Gordondale House, King's Gate, Aberdeen.
1899 Dec.	5.	*ZELLER, CARLOS VAN .. ..	48 Rua do Ferregial de Baixo, Lisbon.
✚ 1901 Dec.	3.	ZIMMER, GEORGE FREDERICK ..	82 Mark Lane, E.C.

Total number of Associate Members .. .. 4.113.

## ASSOCIATES.

[Assoc. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, are entitled to the privileges of Corporate Membership, but not those subsequently elected.*

Date of Election.	ASSOCIATES.	
1861 May 28.	ABEL, CHARLES DENTON .. ..	28 Southampton Buildings, Chancery Lane, W.C. (Patentable, London. Holborn 109.)
1859 Dec. 6.	AIRD, <i>Sir JOHN, Bart.</i> , M.P. ..	37 Great George Street, S.W. (Loco. London. Westminster 61.)
1886 Dec. 7.	AIRD, JOHN, Jun. .. ..	
1883 Dec. 4.	ALDRICH, ARTHUR STANHOPE ..	Bunnythorpe, Palmerston North, N.Z.
1877 Apr. 10.	{ ANNETT, RICHARD CHARLES FRANCIS .. .. }	4 Buckingham Avenue, Sefton Park, Liverpool.
1866 Dec. 4.	{ ARDAGH, <i>Sir JOHN CHARLES</i> . <i>Maj.-Gen. R.E.</i> , K.C.I.E., K.C.M.G., C.B. .. .. }	Athenæum Club, Pall Mall, S.W.
1898 Apr. 5.	{ ARMITAGE, ROBERT, B.A. ( <i>Cantab.</i> ) .. .. }	Farnley Lodge, Leeds.
1904 Apr. 12.	{ ARMSTRONG, <i>Lord</i> , M.A. ( <i>Cantab.</i> ), D.C.L. ( <i>Durham</i> ) .. .. }	93 Eaton Square, S.W.
1886 May 4.	{ ARMYTAGE, <i>Sir GEORGE JOHN</i> , <i>Bart.</i> .. .. }	Kirklees, Brighouse.
1901 Dec. 3.	* ARMYTAGE, JOHN HAWKSWORTH	1 Whitehall, S.W.
✠ 1877 Dec. 4.	BACHE, ALFRED, B.A. ( <i>Lond.</i> )	3 St. Mary's Place, Penzance.
1889 Feb. 5.	BACK, FREDERICK .. ..	Chillagoe, North Queensland.
1869 Apr. 6.	{ BADGLEY, WILLIAM FRANCIS, <i>Colonel Bombay Staff Corps</i> }	Exmouth, Devon.
1896 Dec. 1.	{ BAGGALLAY, CLAUDE, K.C., LL.M. ( <i>Cantab.</i> ) .. .. }	20 Elvaston Place, Kensington, S.W.
1881 May 3.	{ BAIRD, ANDREW WILSON, <i>Colonel R.E. ret.</i> , C.S.I., F.R.S. }	Palmercross, Elgin, N.B.
1902 Jan. 14.	{ BAKER, FREDERICK NOLAN, <i>Lieut. R.A.</i> .. .. }	Charles Cammell & Co., Coventry.
1865 Feb. 7.	BARCLAY, CHARLES .. ..	The Manor House, Bayford, Hertford.
1891 May 5.	BARLING, JOSEPH .. ..	Under Secy., P.W.D., Sydney, N.S.W.
1885 Dec. 1.	{ BASTOS, JOSÉ JOAQUIM DE CARVALHO .. .. }	Rio de Janeiro.
1882 Apr. 4.	{ BATE, CHARLES M'GUIRE, <i>Lieut.-Colonel R.E.</i> .. .. }	C.R.E., Headquarter Office, Belfast.
1868 Feb. 4.	BEHR, FRITZ BERNARD .. ..	{ 5 Queen Anne's Gate, Westminster, S.W.
1900 Dec. 4.	BEHRENS, GUSTAV .. ..	36 Princess Street, Manchester.
✠ 1901 Mar. 5.	BELBY, GEORGE THOMAS .. ..	8 University Gardens, Glasgow.
1902 Dec. 2.	{ BELL, CHARLES THORNHILL, <i>Major R.A.</i> .. .. }	Supt., Gun Carriage Factory, Bombay.
1878 May 28.	{ BEVAN, REV. JAMES OLIVER, M.A. ( <i>Cantab.</i> ) .. .. }	Chillenden Rectory, Dover.



	Date of Election.	ASSOCIATES.	
	1885 May 19.	BIRT, <i>Sir</i> WILLIAM .. ..	{Devonshire House, Shortlands, Kent.
	1886 Dec. 7.	{BIXBY, WILLIAM HERBERT Major U.S. Engs. .. ..}	c.o. Adjutant-General, U.S. Army, Washington, U.S. [S.W.]
	1891 Jan. 13.	BLISSETT, THOMAS .. ..	c/o Grindlay & Co., Parliament St.,
t ✚	1896 Apr. 14.	BLOUNT, BERTRAM .. ..	76 York Street, Westminster, S.W.
	1901 Apr. 2.	BLOXAM, ARTHUR GEORGE ..	{Birkbeck Bank Chambers, Southampton Buildings, W.C.
T t ✚	1856 Dec. 2.	BOULTON, SAMUEL BAGSTER ..	{64 Cannon Street, E.C. (Burboul, London. Bank 547.)
	1892 Dec. 6.	BOUSFIELD, JOHN EBENEZER..	{4 South Street, Finsbury, E.C. (Invention, London. Central 4492.)
	1881 Feb. 1.	{*BOUSFIELD, WILLIAM ROBERT, K.C., M.P. .. ..}	2 Crown Office Row, Temple, E.C.
✚	{1841 June 15. 1867 Nov. 26.}	BOUSTEAD, JOHN .. ..	34 Craven Street, Strand, W.C.
	1887 Apr. 5.	{BOWMAN, FREDERIC HUN- GERFORD, D.Sc. ( <i>Richmond</i> , U.S.) F.R.S.E. .. ..}	Spinningfield, Deansgate, Manchester.
✚	1865 Feb. 7.	BRAND, JAMES .. ..	172 Buchanan Street, Glasgow.
	1866 Dec. 4.	{BRASSEY, Lord, K.C.B., D.C.L. ( <i>Oxon.</i> ) .. ..}	4 Great George Street, S.W. (Westminster 2.)
	1904 Apr. 12.	{BRASSEY, Hon. THOMAS ALLNUTT, M.A. ( <i>Oxon</i> ) ..}	23 Park Lane, W.
	1869 Dec. 7.	BRISTOW, EBENEZER JOHN ..	1 Copthall Buildings, E.C.
	1864 Feb. 2.	BROWNING, ARTHUR GIRAUD..	16 Victoria St., S.W. (Friday, London.)
	1852 Dec. 7.	BRYDGES, CHARLES JOHN ..	Hudson Bay Co., Winnipeg, Canada.
	1895 Dec. 3.	BURT, GEORGE .. ..	19 Grosvenor Road, S.W.
	1886 Apr. 6.	BURT, <i>Sir</i> JOHN MOWLEM ..	19 Grosvenor Road, S.W.
	1872 Feb. 6.	BUTLER, JAMES WILLIAM ..	{Blyth House, Humber Rd., Blackheath, S.E.
m ✚	1899 Dec. 5.	BUTTERS, CHARLES .. ..	{220 Crocker Building, San Francisco, Calif., U.S.
	1876 Dec. 5.	{CALL, CHARLES FREDERIC, Lt.- Colonel R.E. ret. .. ..}	Valescure, St. Raphael (Var), France.
	1866 Dec. 4.	{CAPPEL, <i>Sir</i> ALBERT JAMES LEPPOC, K.C.I.E. .. ..}	27 Kensington Court Gardens, S.W.
	1885 Jan. 13.	CARD, HENRY .. ..	Lewes. [(2608.)
	1869 Apr. 6.	CARMAEL, ARTHUR .. ..	24 Southampton Buildings, W.C.
	1879 May 6.	{CARMAEL, EDWARD, B.A. ( <i>Cantab.</i> ) .. ..}	The Ivies, St. Julian's Farm Road, Norwood, S.E.
	1867 May 21.	CASTLE, EDWARD JAMES, K.C.	8 King's Bench Walk, Temple, E.C.
	1904 Jan. 12.	{CASTLE, SYDNEY CHARLES COURTENAY .. ..}	40 Chancery Lane, London, W.C.
	1865 Feb. 7.	{CERERO, RAFAEL, General Royal Spanish Engineers ..}	Ingenieros del Ejercito, Madrid.
	1899 Dec. 5.	CHATWOOD, SAMUEL .. ..	High Lawn, Worsley, Manchester.
	1879 Mar. 4.	CLARK, MATEO .. ..	97 Cromwell Road, S.W.
	1897 Mar. 2.	{*CLARKE, EDWARD RUSSELL, B.A. ( <i>Cantab.</i> ) .. ..}	11 King's Bench Walk, Temple, E.C.
	1872 Feb. 6.	CLEGHORN, JOHN .. ..	3 Spring Gardens, S.W.
	1868 Apr. 7.	CLUTTON, ROBERT GEORGE ..	9 Whitehall Place, S.W.
	1867 Feb. 5.	COLBRON, JOSEPH PARKIN ..	38 Osborne Villas, Hove, Brighton.
	1899 Feb. 7.	COOKE, WILLIAM GEORGE, ..	35 Walbrook, E.C.
	1883 Feb. 6.	{COOMBS, WILLIAM HERON, Com- mander R.N. .. ..}	Port of Spain, Trinidad. [ampton
	1885 May 5.	COPPS, GEORGE .. ..	Rotorna, Westwood Road, South-
	1898 Dec. 6.	{CORDUE, WILLIAM GEORGE RANGER, Major R.E. .. ..}	Calcutta Gate, Fort William, Calcutta.

Date of Election.		ASSOCIATES.	
1839 Apr. 30.	1859 Dec. 6.	COTTAM, EDWARD .. .. .	{ 78 Shakespeare Road, Drayton Court, Hanwell, W.
1885 Dec. 1.			
1874 May 12.		{ CRAMPTON, THOMAS HILLAS, B.A. (Cantab.) .. .. .	e/o J. Fort, 45 Holland Road, Kensington, W.
1879 Apr. 1.			
1897 Dec. 7.		CRESSWELL, JOHN .. .. .	{ 8 Ash Grove, Wrexham Road, Chester.
1890 Jan. 14.		{ CRIPPS, CHARLES ALFRED, K.C. CUBILLO, LEANDRO, Lt.-Col. Royal Spanish Artillery	1 Essex Court, Temple, E.C.
1880 Jan. 13.			
T t ✚ 1882 Dec. 5.		CUNINGHAM, WILLIAM MARTIN	Goff's Oak, Cheshunt, Herts.
1882 May 2.		{ CUNNINGHAM, ALLAN JOSEPH CHAMPNEYS, Lt.-Col. R.E. ret.	20 Essex Villas, Kensington, W.
		CUTBILL, WALTER JOHN CHARLES	37 Old Jewry, E.C.
1891 Jan. 13.		DALLAS, JAMES, Major R.E. ..	Dean Bank House, Edinburgh.
1874 Dec. 1.		DAVIS, ALFRED .. .. .	{ 26 Victoria Street, S.W. (Sivad, London.)
F ✚ 1883 Dec. 4.			
t ✚ 1867 Dec. 3.		{ DAWKINS, W. BOYD, M.A., D.Sc. (Oxon.), F.R.S.	Fallowfield House, Fallowfield, Manchester. [S.W.]
1877 Dec. 4.			
1874 Apr. 14.		DE RANCE, CHARLES EUGENE ..	13 Barkston Gardens, Earl's Court, 32 Carshaiton Road, Blackpool.
1891 Dec. 1.		DERWENT, Lord .. .. .	Hackness Hall, Scarborough.
1875 Apr. 6.		{ DONKIN, JOHN BLOYD .. .. . DOWDEN, THOMAS FREEMAN, Colonel R.E. ret. .. .. .	Union Club, Sydney, N.S.W.
1894 Dec. 4.			
1869 Dec. 7.		{ DURNING-LAWRENCE, Sir EDWIN, Bart., B.A., LL.B. (Lond.), M.P.	{ Southern Brazilian Ry., Rio Grande do Sul, Brazil.
1866 Jan. 9.		{ EDGCOMBE, WILLIAM HENRY, Maj.-General R.E. ret. ..	Cooper's Hill Lodge, Englefield Green, Staines.
1876 Dec. 5.			
1904 Apr. 12.		ELLIS, BASIL PYM .. .. .	59 Belvedere Road, Lambeth, S.E.
1857 Feb. 3.		ELLIS, CHARLES EDWARD ..	Rampton Manor, Lincoln.
1872 Dec. 3.		EPSTEIN, LÉON .. .. .	{ EVANS, Sir FRANCIS HENRY, Bart., K.C.M.G., M.P. ..
✚ 1859 Dec. 6.		{ EVANS, Sir JOHN, K.C.B., D.C.L. (Oxon.), D.Sc. (Cantab.), F.R.S.	Tubbendens, Orpington, Kent.
1866 Jan. 9.		FENTON, Sir MYLES .. .. .	Nash Mills, Hemel Hempstead.
1877 Feb. 6.		FENWICK, GEORGE TOWNSEND	Redstone Hall, Redhill, Surrey.
1844 Apr. 2.		FERRIÈRES, Baron DU BOIS DE	Forres Park, Trinidad.
1864 May 1.		FIELD, SIDNEY .. .. .	Bayshill House, Cheltenham. [munds. Ashfield Lodge, near Bury St. Ed.]
1852 May 4.			
1903 Mar. 3.		{ FORREST, JAMES (Honorary Secretary.)	The Institution of Civil Engineers, Great George Street, S.W. (Institution, London. Westminster 51.)
1896 Dec. 1.			
		{ FREDERICK, GEORGE CHARLES, Commander R.N. .. .. . FREEMAN, GEORGE MALLOWS, B.A. (Oxon.), K.C. .. .. .	United Service Club, Pall Mall. S.W.
1871 Feb. 7.		FREEMAN, WILLIAM GEORGE	33 Phillimore Gardens, W.
1895 Dec. 3.			
1875 Jan. 12.		{ FREEMAN, WILLIAM ROBERT FRERE, RICHARD TUDOR, Lt.-Colonel R.E. ret. .. .. .	{ c.o. Freeman, Sons & Co., Penryn, Cornwall. [W.] 29 Cambridge Square, Hyde Park, 6 Magdalen Road, St. Leonard's-on-Sea.
1900 Feb. 6.			
		FUJII, TERUGORO .. .. .	Imperial Japanese Navy, 8 Nottingham Place, W.

Date of Election.		ASSOCIATES.	
1889 Feb. 5.	GARNETT, WILLIAM TERRELL	Undercliffe House, Bradford.	
1896 Jan. 14.	GIBB, <i>Sir</i> GEORGE STEGMANN	General Manager, N.E. Ry., York.	
1895 Dec. 3.	{ GIBBON, JAMES AUBREY, <i>Major</i> R.E. .. .. . }	Frideswide, Farnborough, Hants.	
1876 Dec. 5.	GIBBS, WILLIAM HENRY ..	2A New Broadway, Ealing, W.	
1883 Jan. 9.	GODFREY, GEORGE BROWN ..	West Gables, Cranleigh, Surrey.	
1902 Jan. 14.	GORDON, JOSEPH GORDON ..	Queen Anne's Mansions, S.W.	
1898 Dec. 6.	{ GRINLINTON, FREDERICK HENRY, C.M.G. .. .. . }	Surveyor-General, Ceylon.	
1872 Apr. 9.	GRINLINTON, <i>Sir</i> JOHN JOSEPH	{ Rose Hill, Middle Wallop, Stock- bridge, Hants.	
1872 May 7.	GÜMPFEL, CHARLES GODFREY ..	3 Elm Road, Beckenham, S.E.	
1874 Dec. 1.	GUNN, WILLIAM CECIL .. ..	{ G. Bailey Toms & Co., 20 Laurence Pountney Lane, E.C.	
1878 Mar. 5.	{ HAMMOND, GEORGE CRISPIN, <i>Commander</i> R.N... .. }	5 Beacon Terrace, Falmouth.	
1871 Dec. 5.	HARDING, JOSEPH RAKE ..	Local Board of Health, Epsom.	
1887 Dec. 6.	{ HARRISON, <i>Sir</i> RICHARD, <i>General</i> R.E., G.C.B., C.M.C. .. }	Farringdon House, Honiton Clyst, Exeter.	
1875 Apr. 6.	HART, CHARLES FREDERICK ..	Devizes, Wilts.	
1858 Apr. 13.	HAWKINS, WILLIAM BAILEY ..	{ 39 Lombard Street, E.C. (Bailey Hawkins, London.)	
1872 Mar. 5.	{ HAYDON, WILLIAM HENRY, <i>Lt.-Colonel</i> R.E. <i>ret.</i> .. .. }	Malmesbury, Wilts.	
✠ 1900 Jan. 9.	{ HEARN, GORDON RISLEY, <i>Cap- tain</i> R.E. .. .. . }	King, King and Co., Bombay.	
1881 Dec. 6.	{ HEATHORN, THOMAS BRIDGES, <i>Captain</i> R.A. <i>ret.</i> .. .. }	10 Wilton Place, S.W. (Kamar, London.)	
1855 Feb. 6.	HEDGER, PHILIP .. .. .	Coulston, The Avenue, Surbiton.	
1904 Jan. 12.	HEMINGWAY, CHARLES ROBERT	{ 1 Brunel Terrace, Derby Road, Nottingham.	
1851 Apr. 1.	HILL, JULIAN .. .. .	8 Dean's Yard, Westminster, S.W.	
1885 Dec. 1.	HILL, VINCENT WALKER .. ..	{ S. E. & C. D. Rys., London Bridge Station, S.E.	
1876 Jan. 11.	{ HIME, <i>Rt. Hon. Sir</i> ALBERT HENRY, <i>Lt.-Colonel</i> R.E. <i>ret.</i> , K.C.M.G., P.C., LL.D. ( <i>Edin.</i> ) }	Maritzburg, Natal.	
1876 May 30.	HODGSON, HENRY TYLSTON ..	Harpenden, Herts.	
1868 Dec. 1.	HOLGATE, JOHN THOMAS ..	Elmfield, Ashted, Surrey.	
1881 Mar. 1.	HOLLINGS, JAMES SPENCER ..	249 Birchfield Rd., Handsworth, Staffs.	
1877 Mar. 6.	HOLME, ARTHUR HILL .. ..	{ 6 Gambier Terrace, Hope Street, Liverpool.	
✠ 1886 Feb. 2.	HOPE, WILLIAM .. .. .	10 Blackstock Street, Liverpool.	
1897 Mar. 2.	HOPKINSON, JOHN .. .. .	Weetwood, Watford.	
1867 Dec. 3.	HOWARD, JOHN .. .. .	17 Victoria Street, S.W.	
1862 Jan. 14.	HUNT, HENRY ARTHUR .. ..	45 Parliament Street, S.W.	
1865 Apr. 4.	HUTCHINSON, ALFRED .. ..	62 Highbury Park, N.	
1874 Mar. 3.	{ HUTCHINSON, CHARLES SCROPE, <i>Maj.-Gen.</i> R.E. <i>ret.</i> , C.B. .. }	14 Kidbrook Park Rd., Blackheath, S.E.	
1858 Dec. 7.	ISAACS, LEWIS HENRY .. ..	3 Verulam Buildings, Gray's Inn, W.C.	
1887 May 3.	JACKSON, <i>Sir</i> JOHN, F.R.S.E.	53 Victoria Street, S.W.	
✠ 1876 Feb. 1.	{ JACOB, <i>Sir</i> SAMUEL SWINTON, <i>Col. Indian Staff Corps</i> , K.C.I.E. }	c.o. H. S. King & Co., Pall Mall, S.W.	
1866 Feb. 6.	JAMES, FREDERICK .. .. .	48 Tregunter Rd., Brompton, S.W.	



Date of  
Election.

## ASSOCIATES.

C +	1891	Dec.	1.	{ JARINTZOFF, DMITRI THEODOR, General I.R.N. . . . . }	Admiralty, St. Petersburg.
	1904	Apr.	12.	{ JARRAD, FREDERICK WILLIAM, late Commander, R.N. . . }	Delamers, Bradwell-on-Sea, Essex.
	1876	Apr.	4.	JEFFERIES, THOMAS . . . .	Newbay, Wexford.
	1887	Dec.	6.	JORDAN, WILLIAM LEIGHTON . .	25 Jermyn Street, S.W.
	1894	Dec.	4.	JUDD, JOSEPH HENRY . . . .	{ Ferncliffe, Hawthorn Grove, Heaton Moor, Lanes.
	1901	Dec.	3.	{ KILBURN, BERTRAM EDWARD DUNBAR, M.A. ( <i>Cantab.</i> ) . . }	111 Hatton Garden, E.C.
	1871	Dec.	5.	{ LAMBERT, EDWARD TILEY, B.A. ( <i>Cantab.</i> ) . . . . }	Telham Court, Battle. [S.W.]
	1884	Dec.	2.	LASS, ALFRED . . . . .	244 Upper Richmond Road, Putney,
	1861	Mar.	5.	LEE, JOHN COCKBURN FRANCIS	42 Gloucester Gardens, Hyde Park, W.
	1888	May	15.	{ LEWIS, HENRY FREDERICK WILLIAM . . . . . }	25 College Hill, Cannon Street, E.C.
	1881	Feb.	1.	{ LINGARD - MONK, RICHARD BOUGHEY MONK . . . . }	Great Central Ry., Manchester.
	1897	Dec.	7.	{ LISBÔA, MIGUEL RIBEIRO, Cap- tain Brazilian Navy ret. . . }	Obras Municipaes, Belém, Brazil.
	1877	May	1.	{ LITTLER, Sir RALPH DANIEL MAKINSON, C.B., K.C. . . }	6 Pump Court, Temple, E.C. (Hol- born 46.)
	1883	Dec.	4.	LORIMER, WILLIAM . . . . .	Glasgow Loco. Works, Glasgow.
	1865	Mar.	7.	LOVATE, HENRY . . . . .	Darlington Street, Wolverhampton.
	1879	Dec.	2.	{ LUCAS, Sir ARTHUR CHARLES, Bart. . . . . }	{ Broad Sanctuary Chambers, West- minster, S.W. (Locc. London. Westminster 61.)
	1893	Jan.	10.	MACAULAY, FREDERIC JULIUS	L. & S.W. Ry., Waterloo Bridge, S.E.
	1890	Dec.	2.	McCORMICK, JOHN . . . . .	West End, Brisbane, Queensland.
	1873	Jan.	14.	MACKAY, JOHN . . . . .	South Bank, Hereford.
	1899	Jan.	10.	{ MACMORRAN, ALEXANDER, M.A. ( <i>Edin.</i> ), K.C. . . . . }	3 Temple Gardens, E.C.
	1872	Dec.	3.	{ McNAIR, JOHN FREDERICK ADOLPHUS, Major R.A., C.M.G. }	Scotia, Preston Park, Brighton.
	1901	Dec.	3.	{ MAIA, ALFREDO EUGENIO ALMEIDA . . . . . }	Rua de S. Bento 34, Rio de Janeiro.
	1888	May	15.	{ MANN, JAMES ROBERT, Maj- General R.E. ret., C.M.G. }	Highfield Lodge, Tilehurst, Berks.
	1865	Feb.	7.	{ MAPPIN, Sir FREDERICK THORPE, Bart., M.P. . . . . }	38 Prince's Gate, S.W.
	1864	Apr.	5.	MARTIN, SAMUEL GARLICK . .	Halefield, Wendover, Bucks.
	1892	Dec.	6.	{ *MARTIN, WILLIAM M.A., LL.D. ( <i>Cantab.</i> ) }	{ Patent Office, Southampton Build- ings, W.C.
	1903	Mar.	3.	MATHIESON, JOHN . . . . .	Duffield, Derbyshire.
	1880	Dec.	7.	MATTHEY, GEORGE, F.R.S. . .	75 Hatton Garden, E.C.
	1859	Apr.	5.	MEREDITH, JOHN BULT . . . .	9 Sydenham Road, Croydon.
	1877	Apr.	10.	MIDDLETON, JOHN THOMAS	{ The Grange, Grange Road, Ealing, W. (Westminster, 693. Dislodge, London.)
	1879	Apr.	1.	MILLYARD, JOHN WILLIAM . .	Littlebridge, Bromyard, Worcester.

	Date of Election.	ASSOCIATES.	
	1879 May 27.	MOBERLY, GEORGE ERNEST ..	Orwell Works, Ipswich. [W.
m	1898 Dec. 6.	*MORRIS, JOHN TURNER .. ..	13 Somers Place, Hyde Park Square,
m	1873 May 20.	*MORT, FREDERICK HARRY ..	Parr's Bank, Widnes.
	1883 May 1.	{ MOULTON, JOHN FLETCHER, } K.C., M.P. .. .. .	57 Onslow Square, S.W.
	1877 May 1.	MOUSLEY, JAMES ALFRED ..	St. Germain's, St. Albans.
	1879 May 6.	MOUSLEY, WILLIAM THOMAS ..	Combermere House, Buxton.
	1897 Feb. 2.	{ NARES, Sir GEORGE STRONG, } K.C.B., Vice-Admiral ..	11 Claremont Road, Surbiton.
	1879 Dec. 2.	{ NEWMARCH, GEORGE, Maj.- } General R.E. ret. .. ..	6 Norfolk Terrace, Brighton.
	1872 Dec. 3.	{ NICHOLSON, Sir WILLIAM GUS- } TAVUS, Lieut.-General R.E., } K.C.B. .. .. .	War Office, Pall Mall, S.W.
	1878 Feb. 5.	NOTMAN, HENRY WILKES ..	{ Cholmley Lodge, West End, Kilburn, } N.W.
	1866 Mar. 6.	OAKLEY, Sir HENRY .. ..	G. N. Ry., King's Cross, N.
t ✱	1866 Feb. 6.	{ O'CONNELL, PETER PIERCE } LYONS, Maj.-Gen. R.E. ret. }	Sibertswold, Highland Road, } Bromley, Kent.
	1868 Mar. 3.	OGILVIE, PATRICK .. ..	Hambledon, Hants.
	1901 Mar. 5.	OLIVER, CHARLES .. ..	{ Dept. of Railways and Tramways, } Sydney, N.S.W.
	1898 Dec. 6.	{ OWEN, PERCY THOMAS, Lt.-Col. } N.S.W. Headquarters' Staff }	Commonwealth Military Head- } quarters, Melbourne, Victoria.
	1872 Apr. 9.	PAGET, BERKELEY .. ..	2 Laurence Pountney Hill, E.C.
	1891 May 12.	{ PAGET, Sir GEORGE ERNEST, } Bart. .. .. .	Sutton Bonnington, Loughborough.
	1877 Jan. 16.	PAIN, COARD SQUAREY .. ..	14 North John Street, Liverpool.
	1891 Feb. 3.	{ *PAUL, ERNEST MONCREIFF, } Captain R.E. .. .. .	R.E. Institute, School of Military } Engineering, Chatham.
	1895 Dec. 3.	{ PAULING, GEORGE CRAIG } SAUNDERS .. .. .	28 Victoria Street, S.W. [ment, W.C.
	1872 Dec. 3.	PAYNE, ALEXANDER .. ..	Norfolk House, Victoria Embank-
	1878 Mar. 5.	PERKS, ROBERT WILLIAM, M.P.	11 Kensington Palace Gardens, W.
	1888 Dec. 4.	PERRY, WILLIAM ALFRED ..	{ 2nd Avenue and 71st Street, Bay } Ridge, Brooklyn, N.Y., U.S.
	1885 Apr. 14.	PESTONJEE, NOWROJEE .. ..	Ahmedabad, India.
T ✱	1860 Mar. 6.	PHILLIPS, JOSEPH .. ..	6 Radnor Park West, Folkestone.
	1862 Mar. 4.	PICKERING, JOHN .. ..	110 Lexham Gardens, S.W.
	1900 Apr. 3.	{ PICTON, REGINALD ERNEST, } Captain R.E. .. .. .	
	1869 Dec. 7.	{ POLLARD, CHARLES, Lt.-General } R.E. ret. .. .. .	c.o. Grindlay & Co., Parliament St., } S.W.
	1897 Dec. 7.	PRICE, JOHN .. ..	15 Great George Street, S.W.
	1872 Jan. 9.	PYE-SMITH, ARTHUR .. ..	St. Pancras Ironworks, N.W.

Date of Election.	ASSOCIATES.	
1891 Mar. 3.	RADCLIFFE, ALEXANDER NELSON	{ 20 Craven St., Strand, W.C. (Drac- cliffe, London. Gerrard 2505.)
1898 Jan. 11.	{ RADCLIFFE, PHILIP JOHN JOSEPH, <i>Captain</i> R.E. .. .. }	R.E. Office, Royal Barracks, Dub- lin.
1897 Dec. 7.	RAILTON, JAMES, JUN. .. ..	2 Great George Street, S.W.
1899 Jan. 10.	{ RANA, KUMAR NUR SINGH, <i>Bahadur</i> .. .. }	Khatmandhu, Nepal, India.
1883 Dec. 4.	RANDALL, JOSEPH .. ..	Warren Lane Works, Woolwich.
T t ✠	1872 Feb. 6.	REDGRAVE, GILBERT RICHARD
		{ Thriffwood, Silverdale, Sydenham, S.E.
t ✠	1892 Jan. 12.	REDWOOD, BOVERTON, F.R.S.E.
		{ 4 Bishopsgate St. Within, E.C. (Olefant, London.)
	1859 Feb. 1.	REID, JAMES .. ..
		12 Wharf Road, City Road, N.
	1872 May 7.	*REYNOLDS, THOMAS .. ..
		{ 18 St. Swithin's Lane, E.C. (Reynolds, London.)
	1870 Mar. 1.	{ RICARDE - SEAVER, FRANCIS IGNACIO, <i>Major Argentine</i> <i>Govt. Service ret.</i> , F.R.S.E. }
		Athenæum Club, S.W.
	1871 Feb. 7.	RICKMAN, THOMAS MILLER ..
		8 Montague St., Russell Square, W.C.
	1899 Jan. 10.	RIDLEY, THOMAS WILLIAM ..
		Teresa Terrace, Coatham, Redcar.
	1895 Dec. 3.	ROBINSON, FREDERICK ARTHUR
		54 Old Broad Street, E.C.
	1893 Apr. 11.	ROBINSON, JAMES CLIFTON ..
		16 Great George Street, S.W.
	1859 May 3.	ROBINSON, JOHN .. ..
		7 Carteret Street, Westminster, S.W.
	1868 May 5.	RYDON, HORACE JAMES .. ..
		31 Highbury New Park, N.
	1882 May 23.	{ SALOMONS, <i>Sir</i> DAVID LIONEL, <i>Bart.</i> .. .. }
		49 Grosvenor Street, W.
	1884 Jan. 8.	{ SANKEY, <i>Sir</i> RICHARD HIERAM, <i>Lt.-Gen.</i> R.E. <i>ret.</i> , K.C.B. .. }
		32 Grosvenor Place, S.W.
	1869 Apr. 6.	{ SARGEANT, RICHARD ARTHUR, <i>Colonel</i> R.E. <i>ret.</i> .. .. }
		Westridge, Aspley Guise, Beds.
	1865 Dec. 5.	SCOTT, ARCHIBALD .. ..
		L. & S.W. Ry., Waterloo, S.E.
	1883 Mar. 6.	{ SCOTT, <i>Sir</i> BUCHANAN, <i>Colonel</i> R.E., K.C.I.E. .. .. }
		c.o. Grindlay & Co., Parliament Street, S.W.
	1899 Feb. 7.	SCOTT, CHARLES THOMAS .. ..
		Manor House, Beckford, Tewkes- bury.
	1868 May 5.	{ SCOTT-MONCRIEFF, <i>Sir</i> COLIN CAMPBELL, <i>Col.</i> R.E. <i>ret.</i> , K.C.S.I., K.C.M.G., LL.D. ( <i>Edin.</i> ) .. .. }
		11 Cheyne Walk, Chelsea, S.W.
	1892 Dec. 6.	{ SCOTT - MONCRIEFF, GEORGE KENNETH, <i>Lt.-Colonel</i> R.E., C.I.E. .. .. }
		King, King & Co., Bombay.
	1887 Dec. 6.	{ SCRATCHLEY, PHILIP ARTHUR, M.A. ( <i>Oxon.</i> ) .. .. }
		17 Victoria Street, S.W.
	1861 Feb. 5.	{ SILVER, HUGH ADAMS, <i>Col. ret.</i> 4 <i>Vol. Batt. Essex Regt.</i> }
		23 Redcliffe Square, Kensington, S.W.
	1897 Dec. 7.	{ SIMPSON, EDWARD PERCY, M.A. ( <i>Oxon.</i> ) .. .. }
		58 Kensington Gardens Square, W.
	1875 Apr. 6.	SMITH, CHARLES .. ..
		{ <i>Sir</i> J. Gilbert, F.R.S., Harpenden, St. Albans. [S.W.]
	1888 Apr. 10.	SMITH, JOSEPH HENRY .. ..
		St. Stephen's Club, Westminster,
	1878 Mar. 5.	SPENCER, SAMUEL .. ..
		{ 14 Great St. Thomas Apostle, E.C. (Tubes, London. Bank 296.)
	1896 Apr. 14.	{ SPILSBURY, EDGAR CHARLES, <i>Major</i> R.E. .. .. }
		East Devonport, Tasmania. [S.W.]
✠	1879 Mar. 4.	SQUIRE, JOHN BARRET .. ..
		20 Victoria Street, Westminster,
	1862 Jan. 14.	STALBRIDGE, <i>Lord</i> , P.C. .. ..
		Motcombe House, Shaftesbury.
	1898 Mar. 1.	STENNING, ALEXANDER ROSE ..
		121 Cannon Street, E.C.



Date of Election.	ASSOCIATES.	
1871 Mar. 7.	STERNE, LOUIS .. .. .	{ Donnington House, Norfolk Street, W.C. (Elsterne, London. Gerrard 1989.)
1895 Dec. 3.	STEVENS, GEORGE JAMES ..	{ 61 Beulah Hill, Upper Norwood, S.E.
1874 Apr. 14.	STEWART, GILBERT MACLEOD	Kitterick, Woking.
1893 Dec. 5.	STEWART, JAMES, <i>Major R.E. ret.</i>	4 King Street, St. James's, S.W.
1902 Jan. 14.	STIRLING, JAMES .. .. .	Tormore, Bayswater, Victoria.
t †	1862 May 6.	SUGG, WILLIAM THOMAS .. .. .
		Regency St., Westminster, S.W.
1902 Feb. 4.	THALLON, JAMES FORSYTH ..	Railway Dept., Brisbane, Queensland.
1883 Jan. 9.	THEOBALD, JOHN WILSON ..	8 Fairfield Road, Croydon.
1879 Apr. 1.	{ *THOMPSON, Sir THOMAS RAIKES, Bart. .. .. . }	67 Cornhill, E.C.
1859 May 3.	THOMSON, JOHN .. .. .	{ Clutha, Culverden Park, Tunbridge Wells.
1880 Jan. 13.	TOPHAM, WILLIAM HAMPSON ..	{ 2 Great George Street, S.W. (Canal, London.)
1888 Mar. 6.	TRAUTWINE, JOHN CRESSON, Jr.	257 South 4th St., Philadelphia, U.S.
1901 Dec. 3.	{ *TRAVERS, HENRY CECIL, <i>Lieut.</i> R.G.A. .. .. . }	{ Ordnance Office, Head Quarters, York.
1885 Dec. 1.	TURNER, SAMUEL LUCAS ..	Placerville, El Dorado Co., Cal., U.S.
1861 Mar. 5.	TYER, EDWARD .. .. .	Ashwin Street, Dalston, N.E.
T t †	1853 May 3.	{ TYLER, Sir HENRY WHATELY, Captain R.E. ret. .. .. }
		Linden House, Highgate Road, N.W.
1904 Apr. 12.	TYLER, WILLIAM FERDINAND	Shanghai, China.
1868 Mar. 3.	VICKERS, ALBERT .. .. .	28 Victoria Street, S.W.
1869 Dec. 7.	VIGERS, ROBERT .. .. .	4 Frederick's Place, Old Jewry, E.C.
1862 Dec. 2.	WADDINGTON, JOHN .. .. .	{ 35 King William Street, E.C. (Bank 518.)
1894 Dec. 4.	WALKER, CHARLES HAY .. ..	15 Great George Street, S.W.
1866 Apr. 10.	{ WARREN, Sir CHARLES, <i>Lt.</i> General R.E., G.C.M.G., K.C.B., F.R.S. .. .. . }	10 Wellington Crescent, Ramsgate.
1898 Jan. 8.	WATSON, CHARLES HUBBACK	Johnson & Co., Greenhithe, Kent.
1884 Dec. 2.	WATSON, Sir WILLIAM .. ..	{ 25 Fitzwilliam Place, Dublin. (Wat- son, Dublin.)
1867 May 7.	WAUGH, HENRY .. .. .	{ 195 South Croxted Road, West Dulwich, S.E.
1871 Feb. 7.	WAUGH, JOHN .. .. .	{ Sunbridge Chambers, Bradford. (Powerful, Bradford. 72.)
1879 May 6.	{ WESTERN, JAMES HALIFAX, Lt.-Col. R.E. ret., C.M.G. .. }	{ Broadway Chambers, Westminster, S.W.
1904 Apr. 12.	{ WHARTON, Sir WILLIAM JAMES LLOYD, K.C.B., F.R.S. .. }	{ "Florys," Princes Road, Wimbledon Park, S.W.
1885 Feb. 3.	{ WHITAKER, WILLIAM, B.A. (Lond.), F.R.S. .. .. }	Freda, Campden Road, Croydon.
1872 Apr. 9.	WHITE, FREDERICK ANTHONY	{ 72 Fenchurch Street, E.C. (Avenue 5690.)
1872 Apr. 9.	WHITE, LEEDHAM .. .. .	16 Wetherby Gardens, S.W.
1874 Dec. 1.	WILDE, SAMUEL JOHN .. ..	10 Serjeants' Inn, Fleet Street, E.C.
1888 Dec. 4.	WILLCOX, BENJAMIN .. ..	47 Lincoln's Inn Fields, W.C.
1874 Apr. 14.	WILSON, Sir ALEXANDER, <i>Bart.</i>	Cyclops Works, Sheffield.

Date of Election.	ASSOCIATES.				
1901 Dec. 3.	WINN, JOHN, <i>Major</i>	R.E.	..	{	School of Military Engineering, Chatham.
1872 Apr. 9.	WISE, <i>Sir</i> WILLIAM LLOYD	..	..	{	46 Lincoln's Inn Fields, W.C. (Lloyd Wise, London. P.O. Telephone—Central 4775.)
1877 Dec. 4.	WOODHEAD, WILLIAM BOOTH	..	..	{	18 Exchange, Bradford.
1876 May 2.	WOODHOUSE, THOMAS WALTER	..	..	{	35 & 36 Red Lion Square, W.C.
1874 Mar. 3.	WOODS, ARTHUR	..	..	..	18 Kensington Gardens Terrace, W.
1857 May 19.	WRIGHT, JOSEPH	..	..	..	Gresham Club, Gresham Place, E.C.
1882 Dec. 5.	YERBURGH, JOHN EARDLEY	..	..	{	21 Queen Anne's Gate, S.W.
1886 Feb. 2.	{ YOUNG, CARMICHAEL LIGHT, Col. R.E.	..	..	..	Haileybury College, Hertford.
1891 Dec. 1.	YOUNG, JOHN PRATT	..	..	{	Brent Knoll, Chantry Road, Moseley, Birmingham.
1877 Feb. 6.	YOUNG, SEPTIMUS	..	..	..	5 Victoria Street, S.W.

Total number of Associates . . . 275.

## STUDENTS.

[Stud. Inst. C.E.]

Date of Admission.	STUDENTS.	
1904 Mar. 22.	ABBATT, FRANK WARNER ..	33 Mattock Lane, Ealing, W.
1900 Jan. 9.	ABLETT, CHARLES ANTONY ..	{ General Electric Co., Schenectady, U.S.
1900 Nov. 27.	{ ADAMS, FREDERICK GUY TRE- VENNER .. .. . }	10 Tavistock Road, Croydon.
1900 Dec. 18.	ADCOCK, CECIL PHILIP .. ..	Serrano 98, Madrid.
1902 Mar. 25.	AHSAN, MOHOMED .. .. .	{ Saifabad, c.o. Nawab Vicar Nawar Jing, Hyderabad, Deccan.
1901 Dec. 17.	AITKEN, KENNETH EDMONDSTONE	{ Engineer's Office, Crigglesstone, Wakefield.
1901 Feb. 26.	ALDERSMITH, CLAUDE HERBERT	Stammerham, West Horsham.
1904 Mar. 15.	ALDOUS, FREDERICK GRAY ..	{ John Mowlem & Co., 19 Grosvenor Road, S.W.
1901 Apr. 23.	{ ALEXANDER, CONNELL WILLIAM LONG, B.E. ( <i>Royal</i> ) .. .. }	430 Moseley Road, Birmingham.
1903 Mar. 24.	ALEXANDER, JOHN EDWARD ..	{ 37 Woodberry Grove, Finsbury Park, N.
1899 Nov. 28.	ALLAN, HARRY ALFRED ROBERT	
1902 Dec. 16.	ALLEN, GEORGE JAMIESON ..	Works Dept., H.M. Dockyard, Malta.
1903 Mar. 24.	ALLEN, GEORGE READ .. ..	Annandale, Stretford.
1898 Dec. 20.	ALLEN, RUPERT STANLEY ..	Bromham House, Bromham, Bedford.
1903 Mar. 24.	ALLIN, RUSSELL VINCENT ..	{ G. N., Piccadilly & Brompton Ry., 6 Belgrave St., King's Cross, N.
1900 Mar. 27.	ALLOTT, CHARLES WILLIAM ..	Erlsmere, Old Trafford, Manchester.
1904 Mar. 29.	AMOORE, HENRY JAMES .. ..	Public Offices, Southall.
1903 Nov. 10.	ANDERSON, ALEXANDER .. ..	41 Whittingstall Road, S.W.
1899 Nov. 28.	ANDERSON, HENRY .. .. .	Foster & Co., Portmadoc.
1898 Mar. 29.	ANDERSON, JOHN ARMSTRONG	
1903 Jan. 27.	ANDOE, HILARY REGINALD ..	2 Elliot Terrace, The Hoe, Plymouth.
1903 Mar. 10.	ANDREWS, EWART SIGMUND ..	79 Aberdeen Road, Highbury.
1903 Nov. 10.	ANGUS, ROBERT JOHN .. ..	9 Findhorn Place, Edinburgh.
1899 Nov. 28.	ANNEAR, ROBERT LEE .. ..	Grasmere, Cathedral Road, Cardiff.
1900 Mar. 27.	ANTINORI, JOHN CHARLES ..	{ Pauling & Co., Box 713, Cape Town, C.C.
1901 Dec. 11.	APPLETON, FRANCIS CASS ..	Rawden Hill, Arthington, Leeds.
1900 Nov. 27.	APTED, FRANK EARDLEY ..	{ County Engineer's Dept., Guildhall, Westminster, S.W.
1900 Mar. 27.	{ ARGYLE, REGINALD EDWARD VERE .. .. . }	Engineer's Office, Midland Railway, Derby.
1901 Dec. 11.	ARIES, RONALD BUGLER .. ..	{ S. Pearson & Son, 32 Pier Street, West Hoe, Plymouth.
1899 Nov. 28.	{ ARMSTRONG, ALFRED HENRY, B.Sc. ( <i>Edin.</i> ) .. .. . }	115 University Street, Belfast.
1902 Dec. 2.	ARNEIL, HENRY MOFFAT ..	{ 57 Belmont Road, Portswood, South- ampton.
1903 Nov. 24.	ARNOTT, CHARLES DUDLEY ..	Seacroft, The Cliffs, Gorleston.
1899 Nov. 28.	ARTHUR, ROBERT .. .. .	11 Gibbons Road, Bedford.
1900 Jan. 9.	ARUNDEL, FRANK DREW ..	2 Shady Villas, Erith.
1899 Nov. 28.	ASTBURY, ARTHUR RALPH ..	P.W.D., Abbottabad, Punjab.



Date of Admission.	STUDENTS.	
1902 Nov. 5.	ATCHERLEY, LEWIS WINTER ..	13 Hinde St., Manchester Square, W.
1900 Nov. 27.	ATKINS, MALCOLM RAMSAY ..	8 Holt Villas, Alvaston, Derby.
1901 Dec. 11.	AYRIS, HENRY HAWKSLEY ..	30 Great George Street, S.W.
1902 Dec. 9.	BACON, FRANCIS .. .. .	Earlstone, Newbury.
1900 Nov. 27.	BACON, FREDERIC .. .. .	{ Melbourne, Park Avenue, Ashton-on-Mersey.
1904 Mar. 29.	BADDELEY, GEORGE HENRY ..	{ Lonsdale Villa, Binley Road, Coventry.
1904 Mar. 29.	BAILLIE, THOMAS HAMILTON ..	3 Chichester Street, Pimlico, S.W.
1899 Nov. 28.	BAIN, HAROLD BROOKLYN ..	Lealholme, Great Crosby, Liverpool.
1903 Nov. 24.	BAINES, GEORGE NORMAN ..	Engineer's Office, N.E. Ry., York.
1904 Feb. 9.	BAISSAC, CHARLES MAURICE ..	{ Central Technical College, Exhibition Road, S.W.
1902 Dec. 9.	BAKER, JOHN ALFRED .. ..	{ Royal Indian Engineering College, Staines.
1902 Dec. 9.	BAKER, LUCIUS AVELING ..	{ S. Pearson & Sons, Obras del Puerto, Salina Cruz, Oaxaca, Mexico.
1903 Nov. 17.	BALDING, CHARLES JOHN ..	4 Glenton Road, Lee, S.E.
1904 Mar. 29.	BALL, ERNEST .. .. .	26 Riding Street, Southport.
1901 Nov. 19.	BALL, JAMES DUDLEY WARD ..	{ Engineer's Office, L. & N.W. Ry., Crewe.
1900 Mar. 13.	{ BALLANTYNE, WILLIAM HENRY, B.Sc. (Glas.) .. .. .	111 Hatton Garden, E.C.
1903 Nov. 17.	{ BALSTON, FRANCIS WILLIAM, B.A. (Cantab.) .. .. .	{ James Simpson and Co., 101 Grosvenor Road, S.W. [W.
1903 Nov. 24.	BANISTER, WALTER GEORGE ..	19 Norland Square, Notting Hill,
1904 Mar. 29.	BARBER, SYDNEY STUART ..	7 Rue du Parlement, Liège, Belgium.
1904 Mar. 29.	BARKER, ARTHUR STANLEY ..	Ashleigh, Horbury, Leeds.
1903 Mar. 24.	BARLOW, ALFRED .. .. .	35 Trinity Street, Huddersfield.
1903 Nov. 24.	BARNES, LESLIE HOLDING ..	{ 1 Mechlin Mansions, Brook Green, W.
1900 Dec. 18.	BARNETT, CECIL GUY .. ..	P. W. D., Mandalay, Burma.
1898 Mar. 29.	{ BARNWELL, FREDERICK ARTHUR LOWRY .. .. .	Stramshall Vicarage, Uttoxeter.
1902 Mar. 25.	BARRACK, JOHN CHARLES ..	Ewell Road, Epsom.
1904 Mar. 29.	BARRY, ARTHUR PAUL ..	King's College, Strand, W.C.
1898 Dec. 20.	{ BARRY, KENNETH ALFRED WOLFE .. .. .	4 Embankment Gardens, Chelsea, S.W.
1902 Nov. 25.	BARTLETT, GODFREY THOMAS	20 Victoria Square, S.W.
m ✠ 1897 Nov. 10.	{ BARTLETT, HARDINGTON ARTHUR .. .. .	12 Cautley Avenue, South Side, Clapham Common, S.W.
1903 Mar. 24.	BARTON, GEOFFREY BUTLER ..	16 Linnæus Street, Hull.
1902 Dec. 2.	BASTA, HABEEB .. .. .	Robey & Co., Lincoln.
1903 Dec. 22.	{ BATSON, REGINALD GEORGE CYRIL .. .. .	King's College, Strand, W.C.
1902 Nov. 5.	BATTLE, PHILIP MARFLEET ..	{ Roundhill Reservoir, Healy, Masham, Yorks.
1903 Mar. 17.	BAXTER, HAROLD HOSIER ..	{ 70 Thornfield Road, Uxbridge Road, W.
1902 Nov. 5.	{ BAYLEY, FRANCIS EDMUND, B.A. (Cantab.) .. .. .	188 Heaton Road, Heaton, Newcastle-on-Tyne.
1898 Nov. 22.	BAYLEY, VICTOR .. .. .	41 Bath Road, Swindon.
1901 Mar. 26.	BAYNES, RONALD CHRISTOPHER	{ Engineer's Office, G. W. Ry., Paddington, W.
1903 Mar. 24.	BEAUMONT, ARTHUR GREGORY	Highgate, Beverley, East Yorks.
1902 Mar. 25.	BEAUMONT, ROLAND HIRST ..	Holme Lea, Grenoside, Sheffield.
1899 Nov. 28.	BEAZLEY, ARTHUR TETLEY ..	1 Elborow Street, Rugby.

Date of Admission.		STUDENTS.	
B 1903 Nov. 24.	BECHER, LANCELOT EDWARD ..	{	Royal Indian Engineering College, Staines.
1899 Nov. 28.	{ BEDBROOK, ERNEST ARTHUR	}	35 Emanuel Avenue, Acton.
	{ ST. GEORGE .. .. .	}	
1903 Mar. 24.	{ BEDFORD, FREDERICK GORDON	}	Beech Grove, Benton, Newcastle-on-Tyne.
	{ HAY .. .. .	}	
1903 Dec. 22.	BEGGS, GEORGE ARTHUR ..		24 Mecklenburgh Square, W.C.
1902 Nov. 5.	BEILES, JAMES LOUIS ..		22 Rectory Rd., Stoke Newington, N.
1899 Nov. 28.	BELDAM, ERNEST ASPLAN ..		The Limes, Hounslow.
1899 Nov. 28.	{ BELL, JAMES MALCOLM,	}	11 Westbourne Gardens, Glasgow.
	{ B.Sc. (Glas.) .. .. .	}	
1900 Nov. 27.	BELOE, WILFRID .. .. .		Henfache, Llanrhaiaadr, Oswestry.
1904 Feb. 9.	{ BENDER, WILLIAM EDWARD	}	152 Rosendale Road, West Dulwich, S.E.
	{ GUSTAVE .. .. .	}	
1897 Feb. 16.	BENDLE, WILLIAM GEORGE ..	{	British Central Africa Co., Chiromo, British Central Africa.
1902 Mar. 25.	BENNETT, DOUGLAS RAYMOND		L. & S.W. Ry., Eastleigh, Hants.
1902 Mar. 25.	{ BENNETT - POWELL, PERCIVAL	}	Normanhyrst, Harlesden, N.W.
	{ GORDON .. .. .	}	
1904 Mar. 29.	BENTALL, ROBERT ANTHONY ..		Borough Engineer's Office, Worthing.
1897 Nov. 23.	{ BERRIDGE, HAROLD MEREDITH	}	Surveyor's Office, Long Eaton, Notts.
	{ KING .. .. .	}	
1903 Mar. 24.	BERRIMAN, ALGERNON EDWARD	{	130 Cardigan Terrace, Heaton, Newcastle-on-Tyne.
1901 Dec. 11.	BEST, ALFRED JOHN .. ..		25 Elmwood Road, Herne Hill, S.E.
1901 Mar. 26.	BEVAN, CORBY GARLAND ..		The Ferns, Haddenham, Bucks.
1899 Nov. 28.	BIDDER, MAURICE McCLEAN ..	{	c/o H. F. Bidder, 10 Queen's Gate Gardens, S.W.
1904 Mar. 22.	BIDEN, SODEN WILLIAM .. ..	{	Bahadurganj, Gonda District, N.W.P., India.
1902 Nov. 5.	BILGRAMI, SYED MUJTABA ALI		King, King & Co., Bombay.
1903 Nov. 10.	BLABER, REGINALD .. ..		Southdown Road, Shoreham, Sussex.
1902 Dec. 2.	BLAKER, CHARLES EDWARD ..	{	Riverside, Leam Terrace, Leamington.
		}	
1902 Mar. 18.	BLAND, CHARLES ROXBERRY ..		11 Brondesbury Park, N.W.
1900 Dec. 18.	BLENKINSOP, BERNARD ARTHUR		
1902 Dec. 2.	{ BLOMFIELD, EDWARD VALEN-	}	Engineer's Office, N. E. Ry., Central Station, Newcastle-on-Tyne.
	{ TINE .. .. .	}	
1900 Mar. 27.	BLYTH, BENJAMIN HALL, Jun.		135 George Street, Edinburgh.
1899 Nov. 28.	BOND, HERBERT IVODE KENTON		156 Ashley Gardens, S.W.
1901 Feb. 26.	BOOTHROYD, JOSEPH .. ..		32 Hallfield Road, Bradford.
1903 Nov. 10.	{ BORNS, GEORGE WILLIAM	}	Gloriastrasse 66, Zürich, Switzerland.
	{ MAXIMILIAN .. .. .	}	
1898 Aug. 30.	BORROW, FRANK KENDALL ..	{	38 Nevern Square, Earl's Court, S.W.
1897 Mar. 15.	BOSTOCK, JOHN EDWARD ..		Admiralty Harbour Works, Dover.
1902 Nov. 25.	BOSWALL, ROBERT OLIPHANT		4 Evelyn Road, Richmond, Surrey.
1899 Nov. 28.	BOULTON, GEORGE STOREY ..	{	Croft House, Roose, Barrow-in-Furness
		}	
1903 Feb. 3.	BOWEN, SYDNEY .. .. .	{	39 Heath Hurst Road, Hampstead, N.W.
1897 Dec. 21.	BOWERS, PERCY LLOYD .. ..		P.W.D., Sirur, Poona, India.
1902 Apr. 8.	BOWLER, FREDERICK THOMAS.		G.W. Ry., Engineer's Office, Neath.
1902 Nov. 5.	BOWLER, LIONEL VICTOR ..		
1898 Nov. 8.	BOWREY, JAMES MILNE .. ..		52 Vesta Road, Brockley, S.E.
1901 Nov. 19.	BOYD, ARTHUR, B.Sc. (Sydney.)	{	24 Gordon Street, Gordon Square W.C.
		}	
1901 Nov. 19.	{ BOYD, FIELDING CHARLES	}	Natal Cape Railway, Elandskop, Natal.
	{ ROBERT HATLEY .. .. .	}	
1903 Mar. 24.	BRADFORD, JOHN HOWARD PENNY	{	32 Gratton Road, West Kensington.
		}	
1900 Mar. 27.	BRADLEY, CECIL GUSTAV ..		Town Hall, Barrow-in-Furness.

Date of Admission.	STUDENTS.	
1903 Nov. 24.	BRADLEY, CHARLES HENRY ..	47 Beeches Road, West Bromwich.
1903 Nov. 10.	BRAILSFORD, HAROLD SUGDEN	Kemnal Manor, Chislehurst.
1903 Mar. 24.	BRAMHAM, WILLIAM CAMPBELL	68 Camberwell Grove, S.E.
1901 Nov. 19.	BREBNER, ALEXANDER .. ..	28 Hermitage Gardens, Edinburgh.
1901 Jan. 8.	{ BREBNETON, CHRISTOPHER } FRANCIS SWIFT .. .. .	{ 4 Park View Terrace, Portslade, Brighton.
1900 Nov. 27.	BRIETZCKE, EDMUND HENRY ..	{ 19 Cornelia Terrace, Seaham Harbour, co. Durham.
1904 Mar. 29.	{ BRIGGS, RICHARD JOHN } PERCIVAL .. .. .	{ 47 Victoria Street, S.W.
1903 Mar. 24.	BRIGHT, ARTHUR KINGSLEY ..	{ Lea Hurst, Mapperley Road, Nottingham.
1902 Mar. 25.	BRISTOW, ALFRED HENRY ..	{ Antwerp House, Belgrave Road, Cambridge.
1899 Nov. 28.	{ BROOKES, WILLIAM ROBERT } PHILPOT .. .. .	{ Rodmersham Green Post Office, Sittingbourne.
1904 Mar. 29.	BROOM, TALBOT COTTOM ..	Greenbank, Rainhill, Lancs.
1900 Apr. 3.	BROOMFIELD, FRANK .. ..	97 High Street, Redcar.
1899 Mar. 7.	{ BROUNGER, WILLIAM HENRY } PRESCOTT .. .. .	{ Engineer's Office, Dock Works, Grangemouth, N.B.
1898 Mar. 29.	BROWN, CUTHBERT CHALMERS	4 Portland Place, Leek.
1903 Mar. 24.	BROWN, THOMAS STANLEY ..	68 Palatine Road, West Didsbury.
1898 Nov. 29.	BROWNE, DENIS ROBERT HOWE	Grindlay, Groom & Co., Bombay.
1902 Dec. 2.	BUCHANAN, LAWRENCE GORDON	Colyton, Bromley, Kent.
1897 Nov. 10.	BUCKLAND, GEORGE FREDERIC	Waterdale, Westbury-on-Trym.
1898 Dec. 20.	BUCKNEY, THOMAS WILLIAM ..	37 Finsbury Park Road, N. [ley, N.
1899 Nov. 28.	BULL, EDWIN MASSEY .. ..	Surveyor's Office, Church End, Finch-
1898 Nov. 22.	BULLIVANT, FRANK .. ..	The Willows, Lees, Oldham.
1902 Dec. 2.	BULLOCK, FRANK HARRISON ..	67 King Street, Manchester.
1902 Nov. 5.	BURKITT, FRANCIS HOLY ..	Jhelam Canal, Sarghoda, Punjab.
1898 Nov. 22.	{ BURMAN, JOHN HAROLD, } M.Sc. (Victoria) .. .. .	{ Engineer's Office, L. & Y. Ry., Manchester.
1903 Mar. 24.	BURNET, JAMES .. ..	16 Charles Street, Langholm.
1903 Nov. 24.	{ BURR, FRANCIS WILLIAM MAN- } FRED .. .. .	{ 99 Belvedere Road, Upper Nor- wood, S.E.
1898 Mar. 29.	BURTON, RICHARD .. ..	25 Old Bank Buildings, Chester.
1901 Nov. 19.	BURTON, WILLIAM ARTHUR ..	{ Thos. Firth & Sons, Norfolk Works, Sheffield.
1903 Mar. 24.	BURTON, WILLIAM MAINWARING	17 The Causeway, Horsham.
1904 Mar. 29.	BURY, RONALD EDWARD ..	3 Hightown, Crewe.
1898 Nov. 22.	BUTLER, JOSEPH FAWKNER ..	{ Brookland, Jesmond Park, New- castle-on-Tyne.
1903 Mar. 24.	BUTLER, RALPH WILLIAM ..	Boro' Surveyor's Office, Devonport.
1903 Nov. 24.	{ BUTLER, ROBERT THOMAS } ROWLEY PROBYN .. ..	{ Royal Indian Engineering College, Staines.
1899 Mar. 28.	{ BUTTERFIELD, HERBERT } MITCHELL .. .. .	{ S. Tomlinson, 1 Raffles Place, Singapore, S.S.
1899 Mar. 28.	BYWATERS, STANLEY HAYDON	N.E. Railway, Gowthope, Selby.
1902 Dec. 2.	CABLE, FREDERIC WILLIAM ..	{ C. N. Lailey, 6 The Sanctuary, West- minster, S.W.
1898 Dec. 20.	CALVI, ALBERTO ULISSE .. ..	Cairo.
1898 Nov. 8.	CAMPBELL, COLIN STUART ..	Main Drainage, Chertsey, Surrey.
1900 Mar. 27.	CAMPBELL, HUGH .. ..	{ Engineer's Office, Caledonian Ry., Glasgow.
1899 Nov. 28.	CAMPBELL-BAYARD, STEPHEN	Cotswold, Wallington, Surrey.
1903 Mar. 24.	CAPITO, CHARLES ERIK .. ..	5 Eardley Crescent, Earl's Court, S.W.
1903 Mar. 24.	CARLETON, HUGH THOMAS ..	Westlands, Cupar.
1903 Nov. 10.	CARMICHAEL, ARCHIBALD ..	{ 48 Barons Court Road, W. Kensington, W.



Date of Admission.	STUDENTS.	
1903 Mar. 24.	CARR, CHRISTOPHER RALPH ..	{ Wood House, Twerton - on - Avon, Bath.
1904 Mar. 29.	CARRON, FRANK GRANT ..	{ H.M. Breakwater, Portland.
1902 Mar. 25.	CARTER, DANSIE WILLIAM ..	{ Charing. Cross, Euston and Hampstead Ry., 20 Victoria Street, S.W.
1903 Nov. 24.	CARTER, THOMAS BIRCHALL ..	{ Royal Indian Engineering College, Staines.
1901 Jan. 22.	CARTY, SAMUEL WILFRID ..	{ 11 Ridley Place, Newcastle-on-Tyne.
1901 Nov. 19.	CASE, GERALD OTLEY .. ..	{ Case Sea Defence Syndicate, 104, High Holborn, W.C.
1902 Nov. 5.	{ CHALMERS, CHARLES STUART, .. ..	{ 101 Wilmslow Road, Withington, Manchester.
1903 Nov. 10.	{ CHALMERS, ROBERT, .. ..	{ Rotherwood, West Newport, Fife, N.B.
1904 Mar. 22.	{ CHAPMAN, FITZROY TOZER, .. ..	{ 4 Whingate, Armley, Leeds.
1901 Mar. 26.	CHAPPELL, EDWIN .. ..	{ Red Cottage, Weybridge.
1902 Nov. 18.	CHESTERFIELD, EDWARD PERCY ..	{ L. D. & E. C. Ry., Chesterfield.
1904 Mar. 29.	CHIPPINDALE, ISAAC MURRAY ..	{ Scholes, near Leeds.
1903 Nov. 17.	{ CHURCHER, WILLIAM ROY .. ..	{ James Simpson and Co., 101 Grosvenor Road, S.W.
1901 Nov. 27.	CHYN .. ..	{ c.o. Chow Phya Surawngse, Klong Ban Somdet, Bangkok, Siam.
1899 Feb. 21.	CLARK, ALBERT HAWKINS ..	{ Fishguard and Rosslare Railways, Fishguard Bay, South Wales.
1901 Mar. 26.	CLARK, COLIN .. ..	{ Douglas Clark, Senekal, Orange River Colony.
1903 Nov. 17.	CLARK, DAVID .. ..	{ 1 Market Street, Aberdeen.
1902 Nov. 18.	{ CLARK, JAMES MILLER, .. ..	{ 8 Park Drive West, Glasgow.
1901 Dec. 3.	CLARK, ROBERT GEORGE ..	{ 18 Hendy Street, Roath Park, Cardiff.
1903 Mar. 24.	CLARKE, ASHFORD VINCENT ..	{ 5 Meyrick Crescent, Colchester.
1903 Nov. 10.	CLARKE, ERNEST .. ..	{ The Beeches, Upton Park, Chester.
1903 Nov. 24.	CLARKE, GEOFFREY .. ..	{ Royal Indian Engineering College, Staines.
1901 Nov. 19.	CLARKE, REGINALD HAWLEY ..	{ 17 Elmdale Rd., Tyndall's Park, Bristol.
1902 Dec. 16.	CLARKE, WILLIAM JOHNSON ..	{ Melrose, London Road, Redhill.
m 1899 Nov. 28.	CLAY, WILLIAM HENRY CHRISTY ..	{ Midland Ry., Engineer's Office, Derby.
1903 Nov. 10.	CLAYDEN, ARTHUR LUDLOW ..	{ St. John's, Exeter.
1902 Jan. 21.	CLIFFORD, ARTHUR CAMPBELL ..	{ c.o. E. T. Clifford, 6 Cranley Gardens, South Kensington, S.W.
1902 Jan. 21.	CLOSE, ARTHUR MELVILL ..	{ P.W.D., Dehra Doon, India.
1903 Mar. 24.	CLOUGH, FREDERICK HAROLD ..	{ 2 Victory Terrace, Parliament Road, Middlesbrough.
1898 Oct. 6.	CLOUGH, FREDERICK HORTON ..	{ British Thomson-Houston Co., Rugby.
1903 Mar. 24.	COCHRANE, MORTON FARRER ..	{ 140 West George Street, Glasgow.
1904 Mar. 29.	COCHRANE, WILLIAM HENRY ..	{ 66 Warwick Rd., S. Kensington, S.W.
1903 Nov. 17.	COCKBURN, HENRY .. ..	{ 37 Fairfax Road, Bedford Park, W.
1899 Nov. 28.	COLBOURNE, RUPERT LIONEL ..	{ Cook & Son, 13 Esplanade Road, Bombay.
1899 Nov. 28.	COLE, EDWARD ONSLOW .. ..	{ 8 Beech House Road, Croydon.
m 1900 Mar. 27.	COLLETT, JOHN COLET .. ..	{ Midland Ry., Heysham Harbour, Morecombe.
1900 Mar. 27.	COLLINS, HAROLD .. ..	{ City Engineer's Office, Norwich.
1904 Mar. 15.	COLLINS, ROBERT HAYES ..	{ 69 Ritherdon Road, Balham, S.W.
1901 Nov. 19.	COLLINS, WILLIAM ALFRED ..	{ 9 Oldfield Terrace, Acton Vale.
1903 Mar. 24.	COLMAN, ALAN .. ..	{ .. ..
1898 Nov. 8.	COLYER, CECIL ALFRED ..	{ Western Jumna Canal, Kainal.
1900 Nov. 27.	CONNOR, JAMES JOHNSTONE ..	{ 61 Albert Road, Crosshill, Glasgow.

Date of Admission.	STUDENTS.	
1899 Nov. 28.	COOK, JAMES .. .. .	{ 20 Iona Place, Mount Florida, Glas-
1904 Mar. 29.	COOPER, WILLIAM GODFREY ..	gow.
1903 Mar. 31.	{ COOPER-KING, MAXIMILIAN	{ Coonoor, The Grove, Finchley, N.W.
	{ KNIGHT .. .. .	{ Kingscote, Egham Hill, Surrey.
1900 Feb. 13.	{ COPE, HERBERT AMBROSE,	{ The Croft House, Ashbourne Road,
	{ B.Sc. ( <i>Victoria</i> ) .. .. .	{ Derby.
1903 Nov. 10.	{ COPPOCK, HARRY STOWE,	{ Structural Ironwork Dept., G.W.
	{ B.Sc. ( <i>Wales</i> ) .. .. .	{ Ry., Paddington, W.
1900 Nov. 27.	CORADINE, WILLIAM ALEXANDER	{ Boro' Engineer's Office, Bethnal
1900 Dec. 18.	CORNELIUS, EUSTACE HERBERT	Green, N.E.
1904 Apr. 12.	CORTIS, HERBERT BRUCE ..	P.W.D., Agra Canal, Muttra, India.
1903 Nov. 24.	CORY, EDGAR MYRIE .. ..	2 Garway Road, Bayswater, W.
1902 Feb. 4.	COTTEW, CHARLES HAROLD ..	{ 19 Palace Mansions, Addison
		{ Bridge, Kensington, W.
1902 Dec. 16.	COTTON, CHARLES GEOFFREY ..	{ 3 Montague Gardens, Castle Avenue,
		{ Dover.
1900 Nov. 27.	COX, HENRY ASHLEY .. ..	{ Abbotsford, Cranbury Road, East-
		{ Leigh, Hants.
1902 Nov. 5.	{ COX, REGINALD CHARLES,	{ Osbourne, New Town Road, Col-
	{ B.A. ( <i>Cantab.</i> ) .. .. .	{ chester.
1897 Feb. 23.	CRAIG, WILLIAM HENRY PRYSE	Marsland, Price & Co., Mazagon,
1902 Jan. 28.	CRAWFORD, LEONARD GEORGE	Bombay.
1904 Mar. 29.	CREAGH, HAROLD .. .. .	5 John Dalton Street, Manchester.
1903 Nov. 24.	CREEDY, HAROLD DOUGLAS ..	{ Vickers, Sons & Maxim, Barrow-
1898 Jan. 25.	CRIDLAN, JOHN LIONEL ..	in-Furness.
1903 Nov. 10.	CRIPPS, RICHARD HARRISON ..	98 Chorley New Road, Horwich.
1904 Mar. 29.	{ CROSS, ARTHUR LESLIE ROW-	19 Webster Gardens, Ealing, W.
	{ BOTHAM .. .. .	Maisemore Park, Gloucester.
1900 Apr. 10.	CRUM, JAMES ARTHUR .. ..	2 Stratford Place, Oxford Street, W.
1904 Mar. 29.	CRUMP, EDWIN SAMUEL ..	{ Glendale, School Road, Moseley.
		{ 9 Hillhead Gardens, Glasgow.
1901 Nov. 19.	CRYER, EDWARD .. .. .	{ 36 Margaretta Terrace, Oakley
		{ Street, Chelsea, S.W.
1899 Mar. 21.	CUÉ, BALTASAR FERNANDEZ ..	{ W. Vallance, 2 Fir Park Terrace,
1899 Mar. 7.	CULL, JOHN ERNEST LELLIOT	Dennistoun, Glasgow.
1902 Mar. 25.	CURRIE, HUGH BOWDEN .. ..	Llanes, Asturias, Spain. [N.Z.
		Canterbury College, Christchurch,
		48 Jesmond Rd., Newcastle-on-Tyne.
1898 Mar. 22.	DALE, BENJAMIN HERBERT ..	
1902 Dec. 2.	{ DĀNI, DĀMODAR GANESH,	{ Dr. Dāni, Sholapur, Bombay.
	{ B.Sc. ( <i>Bombay</i> ), F.C.H. ..	
1903 Dec. 22.	DANIELL, OLIVER CARL .. ..	{ 32 Cranbourne Street, Leicester
		{ Square, W.C.
1903 Feb. 17.	{ DARBY, EDWARD HENRY	{ The Osiers, Chiswick Mall, Mid-
	{ D'ESTERRE, B.A. ( <i>Cantab.</i> )	{ dlesex.
1902 Nov. 5.	DARLEY, BERNARD D'OLIER ..	Ferney, Stillorgan, co. Dublin.
1900 Nov. 27.	DASHWOOD, ARTHUR PAUL ..	27 Maison Dieu Road, Dover.
1903 Mar. 24.	{ DAVEY, ARCHIBALD HENRY	{ E. M. Eaton, 28 Victoria Street,
	{ PINGSTON .. .. .	{ S.W.
1903 Jan. 20.	{ DAVID, CHARLES JOHN EVAN,	{ The Hendrê, Llandaff, Cardiff.
	{ B.A. ( <i>Oxon</i> ) .. .. .	
1904 Mar. 29.	{ DAVIDSON, DUNCAN CALVIN	{ Schoolhouse, Dunmaglass, by In-
	{ KNOX .. .. .	{ verness.
1903 Jan. 13.	DAVIDSON, WILLIAM ROBERT ..	{ Engineer's Office, Railways, Wel-
		{ lington, New Zealand.
1903 Nov. 24.	DAVIES, DAVID TUDOR .. ..	{ St. George's House, St. George's
		{ Terrace, North Road, Plymouth.

Date of Admission.	STUDENTS.	
1903 Jan. 13.	DAVIES, IVOR PARRY .. ..	Holme Bank Cottage, Chester.
1902 Dec. 9.	DAVIES, ST. JOHN ALEXANDER	Brampford Speke, Exeter.
1903 Nov. 10.	{ DAVIES, THEOPHILUS MAXWELL, B.A. ( <i>Cantab.</i> ) .. .. }	79 Margaret Street, Cavendish Square, W.
1902 Nov. 11.	{ DAVIS, GEORGE KEVILLE, B.Sc. ( <i>Victoria</i> ) .. .. }	Sandilands, Knutsford. [chester.
1902 Mar. 25.	DAVIS, JOHN DARELAN DAVID	27 Memorial Road, Walkden, Man-
1902 Nov. 5.	DAVISON, ARTHUR .. ..	Springfield, Buttevant, co. Cork.
1900 Nov. 27.	{ DAWSON, GEORGE HERBERT, WRIGLEY, M.A. ( <i>Cantab.</i> ) .. }	"Woodlands," Horsforth, near Leeds.
1899 Nov. 28.	DAWSON, HUMPHREY FRANCIS	Madura Club, Madura, Madras.
1901 Nov. 19.	DEACON, MARTIN .. ..	19 Warwick Square, S.W.
1899 Nov. 28.	DEAN, EDWARD HAROLD ..	City Hall, Westminster.
1902 Feb. 11.	DEAN, SYDNEY HEMBRY ..	Boro' Engineer's Office, Blackburn.
1903 Nov. 10.	DE LAUTOUR, EDGAR .. ..	{ 11 Mosedale Road, Rice Lane, N. Walton, Liverpool.
1899 Nov. 28.	DENNIS, RANDAL HAMILTON ..	{ Muftigong P.O., Jaunpur, U.P., India.
1903 Mar. 31.	DENTON, CHARLES MURRAY ..	{ E. Bailey Denton, 9 Bridge Street, Westminster, S.W.
1901 Nov. 27.	DEVENISH, WILLIAM ROBERTS	{ Engineer's Office, White River, Ontario, Canada.
1901 Jan. 22.	{ DICKENSON, WALTER HENRY, B.Sc. ( <i>Durham</i> ) .. .. }	4 Cavendish Place, Jesmond-on-Tyne.
1899 Nov. 28.	DICKINSON, JOHN GILBERT ..	79 Rice Lane, Egremont, Cheshire,
1898 Nov. 22.	DISLEY, HERBERT ROSTON ..	{ Knot Hill House, Stacksteads, Manchester.
1900 Dec. 18.	DIXON, EDWARD .. ..	{ British Royal Commission, St. Louis Exhibition, U.S.
1904 Mar. 29.	DIXON, ERNEST .. ..	{ Admiralty Dockyard, Keyham, Devonport.
1901 Dec. 11.	DIXON, FRANK .. ..	{ Dixon & Co., 5 Cheapside, Brad- ford, Yorks.
1900 Nov. 27.	DIXON, JOHN LEONARD ..	35 Royal Avenue, Chelsea, S.W.
1903 Mar. 24.	DOBREE, HATHERLEY MOOR ..	West Tilbury Rectory, Tilbury.
1903 Nov. 10.	DOBSON, ERNEST .. ..	Waldon Castle, Torquay.
1902 Dec. 9.	DODSON, CHARLES SHERBORNE	Bonchurch, Ipswich Road, Norwich.
1901 Jan. 22.	DONALD, ROBERT BUCHAN ..	{ Kilbowie Cottages, Clydebank, Glasgow.
1901 Dec. 11.	DOWN, STAFFORD WILLIAM ..	{ Govt. Rys., King William's Town, Cape Colony.
1900 Dec. 18.	{ DU CANE, CHARLES GEORGE, B.A. ( <i>Cantab.</i> ) .. .. }	New Dock Works, Middlesbrough.
1897 Nov. 10.	DUCKHAM, ARTHUR McDUGALL	{ Gasworks, Bourne Valley, Bourne- mouth.
1904 Feb. 9.	{ DUFFIELD, HENRY CHARLES, B.A. ( <i>Cantab.</i> ) .. .. }	27 Holland Park, W.
1900 Nov. 27.	DUKE, BASIL MICHAEL ..	52 Corporation Street, Stafford.
1899 Nov. 28.	DUMBLETON, JOCELYN CHARLES	Royal Survey Dept., Bangkok, Siam.
1901 Nov. 27.	DUNCANSON, ALEXANDER WALKER	16 Deane Road, Fairfield, Liverpool.
1901 Apr. 23.	DUNWOODY, ROBERT BROWNE	{ Royal Commission on London Traffic, 36 Great George St., S.W.
1904 Mar. 29.	DUSAUTOY, EDWARD FRANK ..	Trevayler, Burton Road, Derby.
1904 Mar. 29.	DUTTON, GEORGE EDWARD ..	{ The Vines, Thorburn Road, New Ferry, Birkenhead.
1903 Nov. 24.	DYMOCK, JOHN DOBIE HALLIDAY	2 Grafton Square, Glasgow.
1903 Nov. 24.	DYSON, ARTHUR .. ..	59 High Street, Harborne.
1903 Nov. 24.	DYSON, HUBERT .. ..	Esholt, Roundhay, Leeds.



Date of Admission.	STUDENTS.	
1903 Dec. 22.	EASSON, GEORGE ALEXANDER ..	16 George Street, Coupar Angus.
1900 Mar. 27.	ECROYD, FREDERICK THOMAS ..	{ Council Offices, Moss Side, Manchester.
B 1900 Mar. 27.	{ EDWARDS, ERNEST WILLIAM } JOHN .. .. .	{ Minas de San Albino, El Icaro, Nueva Segovia, Nicaragua.
1900 Feb. 13.	EDWARDS, GERALD THORNHILL	Waterworks, Hayfield, Stockport.
1900 Mar. 27.	{ EDWARDS, HENRY ARTHUR } ROLLESTON .. .. .	{ Pyenest, Halifax, Yorks.
1902 Nov. 5.	EDWARDS, JOHN BASIL .. ..	4 Holland Park, W.
1903 Mar. 17.	EDWARDS, LINDSAY ERNEST ..	{ R. and K. Ry., Bhamora P. O., Bareilly, India.
1901 Nov. 19.	EDWARDS, RONALD WILLIAM.	96 Truro Rd., Wood Green, N.
1899 Mar. 28.	ELDER, JOHN LOCKHART ..	17 Regent Street, Nottingham.
1901 Dec. 17.	ELLERTON, ARTHUR STANTON	{ 28 Parliament Hill, Hampstead, N.W.
1900 Dec. 18.	ELLINGTON, NOEL BAYZAND ..	24 Warwick Street, Rugby.
1903 Nov. 17.	{ ELLIOTT, STANLEY STEUART, } B.A. (Cape) .. .. .	{ Central Technical College, S. Kensington, S.W.
1903 Mar. 17.	{ ELLIOTT - COOPER, MALCOLM, } B.A. (Cantab.) .. .. .	{ 81 Lancaster Gate, W.
1902 Nov. 11.	{ ELLIS, HENRY EDWARD THOMP- } SON .. .. .	{ 6 Edith Road, West Kensington, W.
1900 Mar. 27.	ELLIS, HORACE WILLIAM ..	108 Wellgate, Rotherham.
1904 Mar. 29.	ELLIS, JOHN .. .. .	135 West Derby Road, Liverpool.
1902 Nov. 5.	ELLIS, JOHN ATTWILL .. ..	49 Inderwick Road, Hornsey, N.
1901 Feb. 12.	ELSDEN, FRANK VINCENT ..	{ 38 St. Stephen's Gardens, St. Margaret's, Twickenham.
1900 Nov. 27.	{ ENGLEHEART, PAUL, } B.A. (Cantab.) .. .. .	{ 14 Gloucester Place, Greenwich, S.E.
1903 Dec. 15.	ERLEBACH, WILFRID ARTHUR	{ Blencathara, Shepherd's Hill, Highgate, N.
1902 Dec. 9.	{ ETHERIDGE, HERBERT OS- } BOURNE HAGGAR .. .. .	{ P. W. & C. S. Meik, 16 Victoria Street, S.W.
1899 Dec. 12.	EUGSTER, OSCAR .. .. .	Barnsbury Works, Barnsbury St., N.
1901 Nov. 19.	{ EVERARD, BERNARD, } B.A. (Cantab.) .. .. .	{ Woodville, Knighton Park Road, Leicester.
1901 Jan. 8.	FANE, ALMERIC CECIL .. ..	Bicester House, Bicester.
1900 Dec. 18.	FANE, ARTHUR GEORGE CECIL	Grindlay, Groom & Co., Bombay.
1901 Nov. 19.	FANSHAWE, JOCELYN HERBERT	Heathmere, Hayward's Heath.
1902 Jan. 21.	{ FARMER, FRANK HARVEY, } B.Sc. (Victoria) .. .. .	{ Green Fuel Economiser Co., 74 Cortlandt Street, New York, U.S.
1904 Mar. 29.	FARRANT, JAMES CLIFFORD ..	10 The Terrace, Woodford Green.
1899 Nov. 28.	FENNELL, JOHN HOWARD ..	Minas de Rio Tinto, Spain.
1902 Mar. 25.	FINCH, FRANK GEORGE .. ..	Boro' Engineer's Office, Reading.
1903 Dec. 15.	{ FINCH, WILFRED HENRY } MONTGOMERY .. .. .	{ 28 Mulgrave Street, Princes Park, Liverpool.
1904 Mar. 29.	FINCHAM, EDGAR MOWBRAY ..	22 De Grey Road, Leeds.
1902 Nov. 5.	FIRMSTON, ERIC VERNON ..	39 Margaret St., Cavendish Sq., W.
1899 Nov. 28.	FIRTH, CHARLES TURNER ..	Prospect House, Idle, Bradford.
1902 Feb. 11.	FITT, EDWARD MCCARTHY ..	{ 10 Edgecumbe Road, Redland, Bristol.
1900 Mar. 27.	FITZGIBBON, WILLIAM NOËL	Royal Survey Dept., Bangkok, Siam.
1897 Nov. 10.	{ FITZSIMONS, HERBERT WALTER, } B.Sc. (Lond.) .. .. .	{ J. J. Webster, 39 Victoria St., S.W.
1903 Nov. 24.	FLETCHER, BASIL PROCKTER ..	4 Rectory Terrace, Gosforth-on-Tyne.
1898 Nov. 8.	{ FLETCHER, WALTER TOWNS- } HEND .. .. .	{ The Chantry, Wimborne.

Date of Admission.	STUDENTS.	
1899 Nov. 28.	FLINT, FRANK DEAN .. ..	{ The Moors, Bishopsteignton, Teignmouth.
1902 Nov. 5.	FLOWERDEW, SPENCER PELHAM	{ Major Hudson, Central Jail, Naini, Allahabad, India.
1897 Nov. 10.	FOLKES, TUDOR DAVID .. ..	11 Edgar Street, Worcester.
1903 Nov. 24.	FORBES, CHARLES GODFREY ..	19 Norwood Street, Ashford, Kent.
1902 Nov. 5.	FORD, ERNEST HONE .. ..	Beechdale House, Bloxwich.
1900 Nov. 27.	{ FORD, FRANK GODFREY GARLAND .. .. .. }	{ Via y Obras, F. C. Oeste, Buenos Aires.
1898 Dec. 6.	FORD, WALTER WILLIAM .. ..	Govt. Rys., Maritzburg, Natal.
1903 Mar. 31.	FORMAN, JAMES HILL .. ..	160 Hope Street, Glasgow.
1902 Mar. 25.	FORSTER, MAURICE NORMAN ..	{ L. & S. W. Ry. Loco. Works, Nine Elms, S.W.
1904 Jan. 26	{ FORTESCUE, CECIL LEWIS, B.A. ( <i>Cantab.</i> ) .. .. }	71 Wolverhampton Road, Stafford.
1900 Nov. 27.	FOULIS, WILLIAM .. ..	{ 2 Montgomerie Quadrant, Kelvin-side, Glasgow.
1903 Mar. 31.	{ FOWLER, RICHARD SAMUEL GARDINER, B.A., B.A.I. ( <i>Dubl.</i> ) }	6 Duncairn Terrace, Bray, co. Wicklow.
1902 Nov. 11.	FOX, JOHN REGINALD .. ..	5 Cleveland Place West, Bath.
1903 Jan. 20.	{ FOX, WALTER ERNEST, B.E. ( <i>Royal</i> ) .. .. }	{ Engineer's Office, L. & S.W. Ry., Waterloo, S.E.
1904 Mar. 29.	FOXLEE, RICHARD WILLIAM ..	{ Engineer's Office, G.N.R., King's Cross, N.
1902 Mar. 25.	{ FRANCIS, EDWARD TYRRELL DUNKIN .. .. .. }	577 Stretford Road, Manchester.
1899 Nov. 28.	FRANCIS, RONALD JOSEPH ..	50 Coolhurst Road, Shepherd's Hill, [N.
1897 Dec. 7.	FRANK, HERBERT WILLIAM ..	
1902 Dec. 2.	FRANK, THOMAS PEIRSON ..	12 Belmont Street, Huddersfield.
1903 Nov. 24.	{ FRASER, PETER LOGAN RAEBURN .. .. .. }	{ 23 Cathcart Road, S. Kensington, S.W.
1898 Dec. 6.	FREEMAN, RALPH .. ..	6 Woodberry Down, N.
1901 Dec. 3.	FUNNELL, HERBERT NICHOLAS	54 Aytoun Road, Stockwell, S.W.
1902 Nov. 25.	FURSE, CHARLES FRANCIS ..	Box 1055, Johannesburg, Transvaal.
1902 Mar. 11.	FYNES-CLINTON, ROBERT ..	{ Brush Electrical Engineering Co., 153 Corporation Street, Birmingham.
1902 Nov. 5.	{ GALLINI, ALFRED MAURICE DOMINIC .. .. .. }	Glencairn, Wimbledon, S.W.
1899 Nov. 28.	GARDNER, CHARLES TURVILLE	{ Railways, Box 333, Bulawayo, Rhodesia.
1902 Mar. 25.	GARDNER, JOHN .. ..	9 Anerley Park, S.E.
1902 Jan. 28.	GARDNER, WILLIAM ERNEST ..	61 Pershore Road, Edgbaston.
1902 Dec. 2.	{ GARDOM, WILLIAM DOUGLAS CRONHELM .. .. .. }	{ Bengal and N.W. Ry., Gorakhpur, India.
1903 Nov. 17.	GARFORTH, THOMAS GEORGE ..	1 Albert Place, Chelsea, S.W.
1898 Nov. 22.	GARRIOCH, HENRY JOHN ..	76 Cobourg Street, Plymouth.
1902 Nov. 25.	GATEHOUSE, ERNEST ARTHUR	23 Garden Walk, Ashton, Preston.
1903 Nov. 24.	GATES, HARALD BURTON ..	{ Charnwood, Chapter Road, Willesden Green, N.W.
1904 Feb. 16.	{ GAUDIN, REGINALD FRANCIS BOYD .. .. .. }	76 Philbeach Gardens, S.W.
1903 Feb. 17.	{ GAUNT, LOUIS HENRY ARMI- STEAD .. .. .. }	Sunfield Cottage, Stanningley, Leeds.
1898 Dec. 6.	GAUVAIN, WILLIAM PERCIVAL	{ Hathorn, Davey & Co., Sun Foundry, Leeds.
1903 Mar. 24.	GEEN, ALBERT BERNARD ..	{ Kingsthorpe, The Avenue, Surbiton.
1903 Jan. 13.	GEEN, GEORGE PURDON ..	Ivor Villa, Newport, Mon.

Date of Admission.	STUDENTS.	
1902 Dec. 2.	GEORGE, CHARLES HERBERT ..	{ Oakenclough, Limehurst, Ashton-under-Lyne.
1903 Nov. 10.	{ GEORGE, MAELGWYN GLEN- DOWER, B.Sc. (Wales) .. .. }	{ Maesyrfhof, Clydach Vale, Rhondda.
1898 Nov. 22.	GERMAN, BERNARD FOSTER ..	{ Gya-Katras Ry., Manpur, Gya, India.
1900 Dec. 18.	GHALEB, KAMEL OSMAN .. ..	{ Projects Circle, Minia, Egypt.
1899 Nov. 28.	GIEB, ANDREW SHIRRA .. ..	{ P.W.D., Jhelum Canal, Rasul, Punjab.
1903 Nov. 10.	GIBBS, CHARLES WILLIAM ..	{ Central Technical College, Exhibition Road, S.W.
1902 Mar. 18.	GIBSON, DOUGLAS HEUGH ..	{ 30 Richmond Mansions, Earl's Court, S.W.
1901 Nov. 19.	{ GIBSON, LAWRENCE JAMES DOUGLAS, M.A., B.Sc. (St. Andrews) }	{ Midland Ry., Horbury Bridge, Wakefield.
1899 Nov. 28.	{ GILES, HUMPHREY NOEL, B.Sc. (Victoria) .. .. }	{ 6 Gambier Terrace, Liverpool.
1902 Feb. 4.	{ GILL, JAMES FRANCIS, B.Sc. (Victoria) .. .. }	{ 72 Strand Road, Bootle, Liverpool.
1903 Mar. 24.	GILL, JOHN RICHMOND .. ..	{ 10 Clareville Gardens, Hanwell, W. Colyton, Leigham Court Road, Streatham, S.W.
1903 Mar. 24.	GILLET, BERNARD GEORGE ..	{ White House, Clarendon Park, Leicester.
1903 Nov. 24.	GIMSON, MARTIN .. ..	{ Madras Ry., Rayapuram, Madras.
1899 Nov. 28.	GLANVILLE, ERNEST ALFRED	{ The Châlet, Fulham Park Road, S.W.
1904 Mar. 29.	GLASGOW, NESBIT .. ..	{ Banchorry House, Beach Road, Portishead.
1900 Mar. 26.	GOLDSON, JOHN WILGRESS ..	{ Bentworth, Woolston, Southampton.
1899 Feb. 28.	GOLLA, LUCIEN CATER .. ..	{ King's College, Strand, W.C.
1902 Mar. 25.	GOODING, THOMAS OLIVER ..	{ 21 Delahay Street, Westminster, S.W.
1903 Dec. 22.	GOSFORD, ALBERT THOMAS ..	{ 10 Smith Street, King's Road, Chelsea, S.W.
1904 Mar. 22.	{ GOSTWYCK, GODFREY HAROLD GOSTWYCK .. .. }	{ Govt. Rys., Ceres, Cape Colony.
1901 Mar. 26.	{ GRACE, LAWRENCE THORNE- WAITE .. .. }	{ Govt. Rys., Engineer's Office, Cape Town, C.C.
1901 Feb. 12.	GRANGER, JOHN MAXWELL ..	{ Engineer's Office, N.E. Ry., York.
1900 Mar. 6.	GRANT, EWAN MAITLAND ..	{ Govt. Rys., Port Elizabeth, C.C.
1904 Mar. 29.	GRANT, IAN .. ..	{ 40 Belsize Park, N.W.
1903 Nov. 10.	{ GRANT-DALTON, ALAN TREVANION .. .. }	{ Poynton, Cheshire.
1901 Jan. 8.	GREEN, FREDERICK MICHAEL	{ Dowlaishweram, Godavari, Madras.
1902 Jan. 28.	GREENWELL, GEORGE HAROLD	{ 110A Southampton Row, W.C.
1899 Nov. 28.	GREG, LIONEL HYDE .. ..	{ 199 Anerley Road, Anerley, S.E.
1904 Mar. 29.	GREGORY, HERBERT GEORGE ..	{ N.E. Ry., Engineer's Office, York.
1902 Mar. 25.	GREGORY, REGINALD VICTOR ..	{ 39 South Street, Stourbridge.
1900 Nov. 27.	GRIBBLE, CONRAD .. ..	{ Hanbury Hill House, Stourbridge.
1902 Nov. 5.	GRIFFIN, FREDERICK CHARLES	{ King, King & Co., Bombay.
1902 Nov. 11.	GRIFFIN, JOSEPH DARIUS ..	{ 118 Cathedral Road, Cardiff.
1901 Nov. 27.	GRIFFITHS, HARRY MELVILLE	{ 32 Friar Gate, Derby.
1902 Dec. 2.	GRIGSON, THOMAS REGINALD ..	{ 69 Eaton Terrace, S.W.
1901 Dec. 11.	GRINLING, ARTHUR JOHN ..	{ Royal Indian Engineering College, Staines.
1903 Dec. 15.	{ GROVES, HENRY LEIGH, B.A. (Cantab.) .. .. }	{ Canford Manor, Wimborne.
1902 Dec. 2.	GUBBAY, HENRI .. ..	{ Old Castle, Kinnersley, Herefordshire.
1899 Nov. 28.	{ GUEST, Hon. LIONEL GEORGE WILLIAM .. .. }	{ 10 Victoria Avenue, Barrow-in-Furness.
1896 Nov. 16.	GUEST, ROBERT .. ..	
1901 Nov. 27.	GUNSON, ERNEST .. ..	



Date of Admission.	STUDENTS.	
1902 Nov. 5.	GUTTMANN, CAMILLO JOSEPH	18 Aberdare Gardens, Hampstead, N.W. [N.]
1903 Mar. 10.	GYTON, FREDERICK GEORGE ..	10 Highbury Crescent W., Holloway,
1900 Feb. 27.	HADDIN, JOHN .. .. .	4 Millbrae Crescent, Langside, Glasgow.
1899 Nov. 28.	HADOW, RAYMOND PATRICK ..	King, King & Co., Bombay.
1904 Mar. 29.	HALL, LIONEL CUTHBERT ..	New Dock Works, Southampton.
1902 Mar. 25.	HALLOWES, BLACKWOOD .. ..	11 King Street, Maidstone.
1901 Nov. 19.	HAMER, JOHN PARKINSON ..	Oakley, St. Andrew's Road, St. Anne's-on-Sea.
1904 Feb. 9.	{ HAMILTON, BENJAMIN HENRY NOEL HANS .. .. . }	St. Kilda, Wimbledon, S.W.
1900 Mar. 27.	HAMPSON, HENRY ALGERNON	{ Lancaster House, Berea, Durban, Natal.
1903 Nov. 10.	HANNINGTON, ROBERT GEORGE	117 Dean Street, Swin Ion.
1900 Nov. 27.	HANSON, HAROLD .. .. .	Holmwood, Edgerton, Huddersfield.
1903 Mar. 24.	HARBY, WILLIAM .. .. .	43 Montgomery Street, Edinburgh.
1901 Dec. 3.	HARDIE, JOHN ALFRED .. ..	Tighnaburn, Glasgow Road, Paisley.
1904 Mar. 29.	HARDING, GEORGE RICHARDSON	{ Dick, Kerr & Co., Star Chambers, Gosport.
1904 Mar. 29.	{ HARLEY - MASON, VERNON BALFOUR .. .. . }	34 Dulwich Road, Herne Hill, S.E.
1902 Mar. 25.	{ HARMAN, FREDERICK BERKELEY BRUCE .. .. . }	15 Old Heath Road, Colchester.
1901 Dec. 3.	HARRIS, ALFRED RICHARD ..	272 Walthall Street, Crewe.
1903 Nov. 10.	{ HARRIS, ARNOLD WILLIAM ELSMERE .. .. . }	The Red House, Barnet Green, Birmingham.
1900 Nov. 27.	HARRIS, CHARLES WILLIAM ..	Harbour Trust, Sydney, N.S.W.
1904 Mar. 15.	HARRIS, THOMAS HOWARD ..	28 Coniston Avenue, Jesmond, Newcastle-on-Tyne.
1904 Jan. 26.	{ HARRISON, ARNOLD FREAN, B.Sc. (Victoria) .. .. }	St. Arnold's, Broad Oak Park, Worsley.
1897 Nov. 10.	HARRISON, ERNEST YOUNG ..	Borough Surveyor's Office, Leicester.
1904 Mar. 29.	HARRISON, FRANCIS EDWARD ..	3 Summerhill Terrace, Newcastle-on-Tyne.
1903 Nov. 24.	HARRISON, NORMAN EDMOND	20 Derwent Road, Anerley, S.E.
1902 Nov. 5.	HART, VINCENT .. .. .	Westmere, Western Road, Cork.
1903 Nov. 10.	HARTLEY, SIDNEY .. .. .	Beechcroft, Ollerton, Knutsford.
1903 Dec. 22.	HASKINS, WILFRED JOSEPH ..	Warmley House, Warmley, Bristol.
1901 Dec. 11.	{ HAWTHORNE, WILLIAM B.A. (Royal) .. .. . }	C. H. Merz, Collingwood Buildings, Newcastle-on-Tyne.
1900 Nov. 27.	HAYES, ARTHUR EDWARD ..	"Mansefield," Stony Stratford.
1904 Mar. 29.	HAYMAN, WILLIAM MUIR ..	{ Engineer's Office, St. Enoch Station, Glasgow.
1903 Mar. 24.	{ HAYTHORNTHWAIT, ARNOLD THOMPSON .. .. . }	2 Vernon Gardens, Gateshead-on-Tyne.
1902 Mar. 25.	HEAP, HUGH PERCY .. .. .	New Dock Works, Southampton.
1903 Nov. 24.	{ HEATHCOTE, LAWRENCE HECTOR MAEK .. .. . }	Royal Indian Engineering College, Staines.
1899 Mar. 28.	{ HEATHER, AUBREY GEORGE FORSTER .. .. . }	Sheba G. M. Co., Eureka, Barberton Transvaal.
1898 Nov. 8.	HEENAN, JOHN HAMMERSLEY	Harbour Works, Durban, Natal.
1903 Mar. 24.	HELLIWELL, HUBERT .. ..	13 Drummond Place, Edinburgh.
1903 Nov. 17.	HELSEY, FREDERICK GEORGE ..	University College, Gower St., W.C.
1903 Mar. 24.	HENDERSON, DAVID .. .. .	26 Calder Street, Glasgow.
1899 Nov. 28.	HENRIQUES, CYRIL QUIXANO ..	16 Oxford Square, Hyde Park, W.
1897 Nov. 10.	{ HENRIQUES, EDWARD CECIL QUIXANO .. .. . }	81 Balliol Road, Bootle, Liverpool
1900 Nov. 27.	HENRIQUES, FRANK CHARLES ..	{ 75 Oxford Gardens, North Kensington, W.

Date of Admission.	STUDENTS.	
1903 Nov. 24.	HENRY, WILLIAM .. .. .	Engineer's Office, N.E. Ry., Newcastle-on-Tyne.
1902 Mar. 25.	HEPWORTH, WILLIAM .. ..	Lanes. & Yorks. Ry., Bolton.
1903 Mar. 24.	HESTER, EDGAR HAZEL .. ..	51 Upper Westbourne Villas, Hove.
1900 Feb. 13.	HEWLETT, PHILIP RUFFORD ..	166 Willesden Lane, Brondesbury, N.W.
1903 Dec. 15.	HEYMANN, FRANCIS ALBERT	Royal Indian Engineering College, Staines.
1899 Nov. 28.	HICKS, GEORGE AUGUSTUS ..	Agent's Office, Burma Railway, Rangoon, Burma.
1902 Nov. 5.	{ HIGHTON, DOUGLAS CLIFFORD, B.A. ( <i>Cantab.</i> ) .. .. }	King's College, Cambridge.
1904 Jan. 26.	HILDITCH, GEORGE WALLS ..	Home Park, Kingston-on-Thames.
1903 Mar. 24.	HILL, FREDERICK GUY .. ..	Hillscroft, Erdington, Birmingham.
1902 Nov. 25.	HINGSTON, WILLIAM HALCOT	46 Dartmouth Rd., Forest Hill, S.E.
1902 Mar. 25.	{ HODGSON, HUBERT MERVYN TYLSTON .. .. }	Harpenden, Herts.
1900 Nov. 27.	HODGSON, JOSEPH POLLARD ..	{ H. Arnold & Son, New Reservoir, Hartshead Moor, Cleckheaton.
1902 Mar. 25.	HODGSON, REGINALD .. ..	8 Richmond Place, Brighton.
1902 Mar. 25.	HOGG, CHARLES WILLIAM ..	12 India Street, Glasgow.
1902 Jan. 21.	HOGG, JOHN MACKINTOSH ..	12 India Street, Glasgow.
1901 Mar. 26.	HOGG, WILLIAM EDWARD ..	7 Westover Road, Wandsworth, S.W.
1899 Nov. 28.	HOLDEN, HUON .. ..	Cwm Elan, Rhayader, Rads.
1897 Nov. 10.	HOLLIDAY, JAMES HARRY ..	{ St. Luke's Rectory, Miles Platting, Manchester.
1899 Jan. 17.	HOLMES, FRANCIS GREAME ..	{ Engineer's Office, L. & Y. Ry., Brighouse, Yorks.
1899 Nov. 28.	HOMER, ERNEST ERIC FERRIS	Godlingstone House, Swanage.
1903 Nov. 10.	HONE, HORACE JOHN ELLIOTT	62 Kensington Road, Reading.
1904 Feb. 9.	{ HOPE, RALPH JAMES, B.A.I. ( <i>Dublin</i> ) .. .. }	The Vicarage, Drung, Cavan, Ireland.
1903 Jan. 13.	HORN, WILLIAM ROWATT ..	8 Thompson Street, Aberdeen.
1900 Dec. 18.	HORNE, GEORGE REMINGTON ..	Tremayne, Wynberg, Cape Colony.
1900 Dec. 18.	HORNE, WILLIAM NEVILL ..	
1900 Mar. 6.	HOUNSFIELD, ARTHUR GERALD	Les Moulins, Sèvres, France.
1901 Nov. 19.	HOYLE, EDGAR .. ..	Cliff House, Greenhithe, Kent.
1902 Nov. 5.	{ HUBBACK, GEORGE CLAY, B.Sc. ( <i>Victoria</i> ) .. .. }	247 Folkestone Road, Dover.
1899 Jan. 10.	{ HUDDART, LINDOW HERWARD LEOFRIC, B.A. ( <i>Cantab.</i> ) .. }	2 Chatsworth Gardens, South Cliff, Eastbourne.
1902 Nov. 25.	HUGHES, IAN DAVID ERSKINE	{ Royal Indian Engineering College, Staines.
1904 Feb. 16.	HUGHES, WILLIAM CLARE ..	H. Birkett, 197 Edgware Road, W.
1903 Mar. 24.	HUGHES, WILLIAM OSBORNE ..	Cartref, Cadnant Park, Conway.
1904 Mar. 29.	{ HULL, GORDON BURNETT GIFFORD .. .. }	Hayfield, Derbyshire.
1901 Mar. 26.	HUMAN, ARNOLD HENRY ..	Siemens Brothers, Stafford.
1900 Nov. 27.	{ HUMFREY, JOHN CHARLES WILLIS, B.Sc. ( <i>Victoria</i> ) .. }	Wilden, near Stourport.
1901 Nov. 27.	HUNT, GEORGE EDWARD ..	217 West George Street, Glasgow.
1899 Jan. 31.	HUNTER, JOHN INGLIS .. ..	1 Albany Terrace, Windsor.
1903 Nov. 10.	{ HUNTER, THOMAS MACMILLAN, M.A., B.Sc. ( <i>Glasgow</i> ) .. }	31 Lynedoch Street, Glasgow.
1900 Nov. 27.	{ HUSBANDS, HENRY WILLIAM SPURR .. .. }	E. Nuttall & Co., 5 Piccadilly, Walcot, Bath.
1904 Mar. 29.	HUTCHINSON, HARRY FLEMING	2 Queen's Road, Chorley.
1903 Nov. 10.	HUTCHINSON, JAMES ANNACKER	Rawcroft, Combe Park, Bath.
1904 Mar. 29.	{ HUTCHISON, DONALD MAXWELL WRIGHT .. .. }	19 Milton Street, Maidstone.
1898 Nov. 22.	HUTTON, CHARLES INGLIS ..	Railway Co., Insein, Burma.
1898 Dec. 13.	HUTTON, WILLIAM AUSTIN ..	East Indian Ry., Asansol, India.
1901 Mar. 26.	HUXHAM, WILLIAM HENRY ..	91 Salisbury Road, Plymouth.



Date of Admission.	STUDENTS.	
1902 Mar. 18.	IMBER, ARTHUR HENRY .. .	{ Ivydene, Albany Road, Hersham, Walton-on-Thames.
1903 Apr. 28.	{ INGLIS, ROBERT JOHN MATHISON .. .. .	Tantah, Peebles.
1902 Nov. 11.	INNES, CHARLES, B.Sc. ( <i>Edin.</i> )	{ Kyle, Dennison & Laing, 13 George Street, Edinburgh.
1902 Nov. 18.	{ IRANI, RUSTOMJI HORMUSJI, F.C.H. .. .. .	3 Main Street, Poona, India.
1902 Mar. 11.	{ ISLE, WILLIAM COLLENSON, B.Sc. ( <i>Victoria</i> ) .. .. .	Boston Road, Horncastle, Linca.
1899 Nov. 28.	IZAT, JOHN .. .. .	E. B. S. Ry., Krishnagar, India.
1899 Nov. 28.	{ JACKSON, EDWARD ROBERT HOULTON .. .. .	Port Trust, Bombay.
1903 Nov. 24.	JACOB, LIONEL HERBERT ..	{ Glenelg, Westbourne Park Road, Bournemouth.
1900 Dec. 18.	JAY, WILLIAM CLOUSTON ..	Greymouth, N.Z.
1898 Dec. 20.	JENKIN, IVOR WILFRID ..	56 Gauden Road, Clapham, S.W.
1901 Nov. 19.	JENKINS, WILLIAM LIONEL ..	{ Wadham House, Toynbee Hall, Commercial Street, E.
1902 Dec. 16.	JENKINS, WILLIAM REES ..	Town Hall, Burton-on-Trent.
1901 Dec. 3.	JENNINGS, FRANK PERCY ..	Reddeholm, Duffield Road, Derby.
1900 Mar. 27.	JOHNSON, HARRY OSCAR ..	1226 7th Avenue, Altoona, Pa., U.S.
1903 Dec. 22.	JOHNSTON, JOHN CORMACK ..	3 Moray Street, Wick, N.B.
1898 Nov. 8.	JONES, ADRIAN BROOKHOLDING	{ David Simson, Casilla de Correo, 741, F. C. Oeste, Buenos Aires.
1899 Nov. 28.	JONES, CYRIL WALTER ..	3 White Hart Lane, Wood Green, N.
1898 Nov. 22.	JONES, GERALD LLOYD ..	{ City of London Electric Lighting Co., Bankside, S.E.
1903 Nov. 10.	JONES, GWILYM ANEURIN ..	6 Montpelier Terrace, Swansea.
m ✚ 1897 Mar. 29.	JONES, HARRY OSCAR ..	Boro' Engineer's Office, Folkestone.
1899 Mar. 28.	JONES, JOHN FREDERICK ..	Suspension Bridge, Conway.
1903 Dec. 22.	JOSEPH, JACOB BENJAMIN ..	{ Prof. Henry Robinson, Parliament Mansions, Victoria Street, S.W.
1903 Nov. 10.	KATIGBAK, JOSÉ PETRONIO ..	{ Smith, Wood and Co., 3 and 4 Lime Street Square, E.C.
1904 Mar. 29.	KEAST, SYDNEY BANKS ..	28 Victoria Street, S.W.
1904 Mar. 29.	KEAY, CUTHBERT MACLAREN	{ Beach House, King Street, Broughty Ferry, N.B.
1904 Mar. 29.	KEITH, WILLIAM EWING ..	Wood View, Beeston, Leeds.
1898 Jan. 18.	KENNEDY, JOHN MCFARLANE.	1 Queen Anne Street, W.
1899 Nov. 28.	KENNEDY, WILLIAM HENRY ..	W. Watson & Co., Bombay.
1903 Nov. 24.	KENT, CLAUDE GEORGE ..	{ Walter Beesley, 11 Victoria Street, S.W.
1901 Dec. 11.	KESTING, ROBINSON FRIEDRICH	{ Lynwood Grange, Heaton Road, Newcastle-on-Tyne.
1899 Mar. 21.	KIBBLE, EDMUND DAVID ..	52 West Cromwell Road, S.W.
1902 Feb. 4.	{ KIERNAN, THOMAS JOHN RANSOM .. .. .	{ 21 Fawnbrake Avenue, Herne Hill, S.E.
1897 Feb. 16.	KILLICK, JOHN SPENCER ..	Barming, Maidstone.
1903 Dec. 22.	KING, JOSEPH STUART ..	Town Hall, Wolverhampton.
1903 Apr. 7.	KING, NORMAN ARTHUR ..	{ 5 Hargreaves Road, Sefton Park, Liverpool.
1903 Jan. 20.	KINGSBURY, PERCY CHARLES ..	26 Tachbrook Street, Pimlico, S.W.
1900 Nov. 27.	KIRBY, FREDERICK OSCAR ..	39 Waterdale, Doncaster.
1903 Nov. 17.	KIRKLAND, THOMAS JAMES ..	90 Carleton Rd., Tufnell Park, N.



Date of Admission.	STUDENTS.	
1903 Nov. 10.	KNIGHT, WALTER DINGLE ..	{ Darley, Cottenham Park, Wimbledon, S.W.
1899 Nov. 28.	KNOWLES, GUY JOHN FENTON	{ Park Lodge, Albert Gate, S.W.
1903 Mar. 24.	KOLLBRUNNER, HANS FRED ..	{ Umgeni Engine Works, Durban, Natal.
1901 Dec. 17.	{ KRETZER, HERBERT KENNETH DE .. .. . }	{ Mrs. Fleming, 69 West End Park Street, Glasgow.
1903 Nov. 10.	LACE, ERNEST WILLIAM ..	St. Leonard's, Ryde, I.W.
1903 Nov. 24.	LACEY, ONWARD BAYES ..	265 Walthall Street, Crewe.
1904 Feb. 16.	LACEY, STEPHEN .. ..	Bridge House, Bromley-by-Bow, E.
1902 Jan. 21.	{ LAING, JAMES NIVEN, B.Sc. (Victoria) .. . }	{ Berry's View, Queen's Park, Manchester.
1897 Nov. 10.	LAKE, WALLACE STICKLAND ..	2 Marlborough Road, Plymouth.
1903 Nov. 24.	LAMBERT, LESLIE CARLTON ..	42 Breakspears Road, Brockley, S.E.
1903 Mar. 10.	LANCASTER, GILBERT COLLIER	{ 3 Bloomfield Terrace, Upper Wells Road, Bath.
1899 Mar. 21.	LANDON, CYRIL .. ..	King, Hamilton & Co., Calcutta.
1900 Nov. 27.	LANDON, JOSEPH WHITTINGTON	Sidney Sussex College, Cambridge.
1902 Nov. 5.	LANE, CHARLES MACDONALD	P. W. D., Sukkur, Sind, India.
1901 Mar. 12.	LANGTON, AUBREY RICHARD ..	13 Calverley Park, Tunbridge Wells.
1901 Nov. 19.	LAPAGE, JOHN NORMAN ..	35 Bromley Road, Beckenham.
1903 Nov. 10.	LATHAM, ERNEST, JUN. ..	234 Portsdown Road, Maida Vale, W.
1900 Mar. 27.	LAWRANCE, FREDERICK ..	{ 29 Prince of Wales' Road, Battersea Park, S.W.
1901 Nov. 19.	LAWSON, FRANCIS MALCOLM ..	Northside, Leigh Woods, Bristol.
1901 Mar. 26.	LAWSON, WILLIAM .. ..	6 Akenside Terrace, Newcastle-on-
1899 Nov. 28.	LAWTON, HAROLD .. ..	98 High Street, Poole [Tyne.
1899 Jan. 10.	LEA, DONALD HENRY .. ..	1 Laurence St., Partick, Glasgow.
1904 Mar. 22.	LE CLERCQ, ALFRED GEORGE	10 Victoria Street, S.W.
1903 Nov. 10.	{ LECLEZIO, ALFRED JEAN ALEXIS .. . }	{ Port Louis, Mauritius.
1901 Dec. 11.	LEE, HAYDN .. ..	{ St. Aubyns, Morris Lane, Kirkstall, Leeds.
1900 Jan. 30.	LEE, WALTER .. ..	38 Worple Road, Wimbledon, S.W.
1900 Nov. 27.	LEEPER, LEONARD .. ..	{ Boro' Surveyor's Office, Great Yarmouth.
1902 Nov. 5.	LEES, GEOFFREY .. ..	{ c.o. Mrs. Burch, 16 Stanley Crescent, Kensington Park Gardens, W.
1904 Mar. 29.	LEES, THOMAS, JUNR. ..	King's Arms Hotel, Girvan, Ayrshire.
1898 Nov. 8.	LEGGE, FRANCIS AUGUSTUS ..	{ Southwark and Vauxhall Water Co., Southwark Bridge Road, S.E.
1898 Mar. 29.	LEGGE, RONALD GEORGE ..	
1900 Nov. 27.	LEIGHTON, ARTHUR .. ..	7 Oxford Road, Birkdale, Lancs.
1902 Nov. 5.	LEITCH, PATRICK ARTHUR ..	15 Ardgowan Square, Greenock.
1903 Mar. 24.	LESLIE, JAMES .. ..	5 Douglas Gardens, Edinburgh.
1898 Dec. 6.	LESTER, LLEWELLYN ROLLS ..	{ 32 Derby Street, Moss Lane East, Manchester.
1902 Dec. 2.	LEWIN, HERBERT WILLIAM ..	67 Trumpington Street, Cambridge.
1903 Nov. 24.	LEWIS, WILLIAM PHILLIP ..	Abercanaid, Merthyr Tydfil.
1903 Mar. 31.	{ LEYLAND, JOHN DUNCAN FRANCIS .. . }	{ Crimsworth Dene, Perry Vale, Forest Hill, S.E.
1903 Mar. 24.	LIGHTFOOT, KENNETH .. ..	Yorkshire College, Leeds.
1901 Nov. 19.	{ LINDLEY, EDWARD SEARLES, B.A. (Cantab.) .. . }	{ Godstone Place, Godstone, Surrey.
1904 Mar. 29.	{ LINDLEY, FRANCIS EMIL SEARLES .. . }	{ 153 Finborough Road, S.W.
1902 Dec. 2.	LINNELL, CHRISTOPHER HENRY	Duddon Lodge, Tarporley, Cheshire.
1898 Dec. 13.	LINSKILL, WILLIAM ARTHUR	9 Canada Dock, Liverpool.

	Date of Admission.	STUDENTS.	
M f ✱	1901 Mar. 26.	LISTER, JOHN EDWARD .. ..	5 Priory Place, Sharrow, Sheffield.
	1901 Apr. 16.	LLOYD, HERBERT FETHERSTON	Coleshill Lodge, Sutton Coldfield.
	1904 Mar. 29.	LLOYD, WILLIAM EDWARD ..	38 Recreation Road, Stoke, Guildford.
	1903 Mar. 24.	LOCKHART, WILLIAM DOUGLAS	42 Pembroke Road, Kensington, W.
	1900 Nov. 27.	LOGGIN, GEORGE NICHOLAS ..	Harbour Works, Gibraltar.
	1901 Dec. 11.	LOMAS, KENNETH THURSTON	St. Jean, Territet, Switzerland.
	1903 Nov. 24.	{ LOVEGROVE, EDWIN GUY } { LIDSTONE .. .. . }	Engineer's Dept., G.N.R., King's Cross, N.
	1903 Nov. 24.	LOWSLEY, CONRAD OFFA ..	{ Royal Indian Engineering College, Staines.
	1900 Mar. 27.	LOWSLEY, SYDNEY EVAN ..	Municipal Offices, Harrogate.
	1900 Mar. 27.	{ LUKE, RICHARD CHARLES } { MONTAGUE .. .. . }	23 Seaton Avenue, Mutley, Plymouth.
	1900 Nov. 27.	LUNDIE, CORNELIUS RONALD ..	136 Newport Road, Cardiff.
	1901 Nov. 19.	LYONS, NICHOLAS DANIEL ..	Boro' Engineer's Office, Dover.
	1903 Nov. 24.	MAAS, NORMAN NATHAN ..	78 Fellows Road, N.W.
	1904 Jan. 12	{ MCBRETNEY, WALTER, } { B.Sc. (Lond.) .. .. }	Corporation Electricity Works, Ipswich.
	1897 Dec. 21.	MACCALL, WILLIAM TOLMÉ ..	{ St. Olave's, Hesketh Park, Southport.
	1900 Dec. 18.	McCALLUM, ROBERT TOWSON	{ Midland Railway, Crigglestone, Wakefield.
	1902 Feb. 11.	{ McCLURE, ANDREW, } { B.A. (Oxon.) .. .. }	Bamford, Sheffield, Derbyshire.
	1903 Jan. 20.	{ McCOMAS, HAROLD, } { B.A.I. (Dubl.) .. .. }	e.o. H. S. King & Co., Pall Mall, S.W.
	1903 Dec. 22.	{ McCRAE, ARTHUR GORDON, } { B.E. (Sydney) .. .. }	34 Bernard Street, Russell Square, W.C.
	1899 Nov. 28.	McCRAITH, BERNARD .. ..	P.W.D., Rajputana, India.
	1904 Mar. 29.	{ MACCULLOCH, WILLIAM } { STEVENSON .. .. . }	1 Octavia Terrace, Greenock, N.B.
	1897 Dec. 7.	MACDERMOTT, OWEN LEONARD	{ 17 Dalesbury Road, Upper Tooting, S.W.
	1903 Mar. 24.	MACDONALD, STUART MAGNUS	41 Hook Road, Epsom.
	1898 Nov. 22.	MCDONALD, THOMAS JAMES ..	{ G.N. & Strand Ry., 292 Pentonville Road, N.
	1899 Nov. 28.	MACKAY, JOHN MITCHELL ..	Public Offices, Barking, Essex.
	1902 Mar. 25.	MACKENZIE, ALLAN CAMPBELL	{ Engineer's Office, Canadian Pacific Ry., Montreal, Canada.
	1899 Nov. 28.	{ MACKENZIE, COLIN CHARLES } { FORBES .. .. . }	Govt. Rys., Wadi Halfa, Sudan.
	1899 Nov. 28.	McKENZIE, KENNETH EDWARD	Byculla Saw Mills, Mazagon, Bombay.
	1903 Mar. 24.	MACKIE, RONALD HASTINGS ..	47 Powerscroft Road, Clapton.
	1903 Nov. 24.	McLAY, DAVID BIRD .. ..	Rose Lea, Uddingston.
	1900 Dec. 18.	MACLENNAN, FREDERICK JAMES	{ The Oaks, West End, Chobham, Surrey.
	1898 Nov. 22.	MACLEOD, HUGH TORQUIL ..	Madras Ry., Madras.
	1901 Apr. 16.	McMURDO, ARCHIBALD HUGH	1 Annette St., Crosshill, Glasgow.
	1903 Nov. 24.	MACNAB, ALASTAIR MARCELL	{ Royal Indian Engineering College, Staines.
	1903 Nov. 24.	{ MADAPA, APPARANDRA } { BOPANNA .. .. . }	Royal Indian Engineering College, Staines.
	1903 Nov. 24.	{ MADDOX, FRANCIS JOSEPH } { WILLIAM .. .. . }	231 Westcombe Hill, Blackheath, S.E.
	1903 Nov. 10.	{ MALTHUS, ROBERT, } { B.A. (Cantab.) .. .. }	Dalton Hill, Albury, Guildford.
	1899 Nov. 28.	{ MANN, ERNEST EDWIN, } { B.Sc. (Victoria) .. .. }	Boro' Engineer's Office, Southamp-ton.

Date of Admission.	STUDENTS.	
1900 Nov. 27.	MANN, THOMAS HOWELLS ..	25 Lexham Gardens, Kensington, W.
1903 Nov. 10.	MANSON, FREDERICK PERCY ..	Bengal N.W. Ry., Gorakhpur, India.
1899 Nov. 28.	MARGARY, THOMAS LOUIS ..	Eastern Bengal State Ry., Calcutta.
1902 Mar. 18.	MARLOW, WILLIAM JOHN ..	{ Malvern, Burton Road, Kingston-on-Thames.
1899 Nov. 28.	MARRIOTT, EDWARD GUY ..	M. & G.N. Rys., Melton Constable.
1903 Jan. 27.	MARSH, HARRY EVELYN ..	Broom Grove House, Sheffield.
1903 Nov. 24.	MARSLAND, HAROLD ..	{ Royal Indian Engineering College, Staines.
1904 Mar. 29.	MARTIN, ALICK GREGORY ..	{ R. E. W. Berrington, Lichfield Street, Wolverhampton.
1899 Nov. 28.	MARTIN, HENRY THORPE ..	{ Caledonian Ry., 3 Germiston Street, Glasgow.
1899 Nov. 28.	MARTIN, OSWALD STUART ..	{ Mirpur Khas, Thar & Parker, Sind, India.
1899 Dec. 5.	MARTIN, RICHARD HARINGTON	S. I. Ry., Trichinopoly, India.
1902 Dec. 9.	MASON, ARNOLD STEWART ..	Waterworks Dept., Liverpool.
1901 Mar. 26.	MATHEW, HAROLD BERTRAM ..	Borough Engineer's Office, Dover.
1903 Feb. 3.	{ MATHEWS, ERNEST GORDON DEWAR .. .. . }	{ Electric Station, Stuart Street, Manchester.
1903 Nov. 24.	MATTHEW, FRANK HENRY ..	12 Windermere Street, Gateshead.
1898 Nov. 8.	MATTHEWS, THOMAS LEIGH ..	Admiralty Harbour Works, Dover.
1903 Mar. 24.	MATZINGER, EDWARD ANDREW	73 Arbutnot Road, New Cross, S.E.
1903 Mar. 17.	MAY, AWDRY JOHN ..	Lyneham, Willow Grove, Chislehurst.
1902 Mar. 25.	MAYHEW, ERNEST FORD WATSON	County Surveyor's Office, Brecon.
1902 Nov. 25.	MAYNARD, FARNHAM EDWARD	{ Overton, Babington Road, Streatham, S.W.
1902 Mar. 25.	MEAD, JOHN ROBERT ..	Stapenhill, Burton-on-Trent.
1899 Nov. 28.	MEADEN, BERTRAM GRANT ..	47 Breedon Hill Road, Derby.
1897 Apr. 6.	MERCER, LAURENCE LESTOCK	{ Railway Office, Waterport Wharf, Gibraltar.
1903 Mar. 24.	MESSENT, EDWIN JOSIAH ..	Boro' Engineer's Office, Southend.
1902 Nov. 5.	METCALFE, HENRY ERNEST ..	{ 30 Palmerston Buildings, Auckland, N.Z.
1902 Mar. 25.	MEYRICK, FREDERICK CHARLES	Shire Hall, Nottingham.
1901 Dec. 11.	MICHAEL, RICHARD EDWARD ..	Brook House, Tylorstown, Glam.
1901 Nov. 19.	MIDDLETON, CYRIL ..	{ City Engineer's Office, Newcastle-on-Tyne.
1900 Mar. 27.	MIDDLETON, HARRY ..	{ City Engineer's Office, Newcastle-on-Tyne.
1899 Nov. 28.	{ MIDDLETON, JAMES HUTTON TABOR .. .. . }	Khanke, Punjab.
1902 Nov. 5.	MIDDLETON, REGINALD FAIRFAX	90 Kensington Park Road, W.
1901 Dec. 11.	MILEHAM, CHRISTOPHER JOHN	12 Albert Rd., Regent's Park, N.W.
1901 Nov. 19.	MILLER, HUGH ALEXANDER ..	24 Eldon Road, Kensington, W.
1902 Mar. 11.	MILLIKEN, ROBERT CECIL ..	75 Murray Road, Rugby.
1903 Dec. 22.	{ MILLINGTON, WILLIAM ERNEST WYATT .. .. . }	91 Bath Street, Rugby.
1899 Nov. 28.	MILNER, JAMES DALTON ..	Town Hall, Hull.
1897 Nov. 23.	MINNITT, HENRY WILLIAM ..	{ Thames Civil Engineering Works, Dockyard, Gibraltar.
1900 Apr. 10.	MINORS, ERNEST ..	City Engineer's Office, Worcester.
1900 Nov. 27.	{ MITCHELL, ALEXANDER CAMERON, Jun. .. .. }	{ Weston House, Halewood, near Liverpool.
1901 Dec. 11.	MOBERLY, CHARLES NOEL ..	Cottesmore, Tuddenham Rd., Ipswich.
1901 Nov. 19.	MONK, REUBEN GEORGE ..	195 Junction Rd., Upper Holloway, N.
1900 Nov. 27.	{ MONRO, KENNETH NEAL, B.A. (Cantab) .. .. }	Culross, Fifeshire, N.B.
1899 Nov. 28.	MONTAGUE, JOHN EDWARD ..	Leigh Woods, Clifton, Bristol.
1903 Feb. 17.	MOORE, DOUGLAS OWEN MILNER	61 Hill St., Springburn, Glasgow.
1900 Mar. 27.	{ MORAES, ENRICO JOSÉ PEREIRA DE .. .. . }	{ c.o. Pinto Leite & Nephew, 45 Moorgate Street, E.C.



Date of Admission.	STUDENTS.	
1903 Feb. 17.	MORAN, HENRY .. .. .	{ 65 Harrington Gardens, S. Kensington, S.W.
1899 Nov. 28.	MORGAN, JOHN DAVID .. ..	{ 30 Whitehall Road, Handsworth, Staffs.
1902 Mar. 25.	MORGAN, SYDNEY HUBERT ..	{ Boro' Engineer's Office, Middlesbrough.
1902 Mar. 25.	MORRIS, RICHARD VIVIAN ..	{ c.o. W. Morris, Kent Waterworks, Deptford, S.E.
1899 Nov. 28.	MORRISON, ROBERT HENRY ..	{ Mondello Lodge, Eastbourne.
1903 Nov. 10.	{ MORSE, LEO OLD GEORGE } ESMOND .. .. .	{ 14 Airlie Gardens, W.
1903 Nov. 24.	{ MORT, HAROLD SUTCLIFFE } B.Sc. (Sydney) .. .. .	{ Ocean Street, Woollahra, Sydney, N.S.W.
1903 Jan. 13.	{ MOSER, FREDERICK WALCOTT } FRANKLAND .. .. .	{ Broadley, Sway, Hants.
1899 Dec. 12.	MOSS, RICHARD CECIL .. ..	{ St. Aubyns, Ballybrack, co. Dublin.
1899 Feb. 14.	{ MOSTYN, ROBERT VIVIAN } WILKINSON .. .. .	{ Rothay House, Peak Hill, Sydenham, S.E.
1898 Jan. 18.	MOTT, SYDNEY FRANK .. ..	{ Westmoreland Lodge, Wisteria Road, Lewisham, S.E.
1900 Dec. 18.	{ MOUNT, ALAN HENRY } LAURENCE .. .. .	{ Brompton Barracks, Chatham.
1904 Mar. 29.	MUDD, ARTHUR .. .. .	{ 1 Paley Road, Bradford.
1904 Mar. 22.	MUIRHEAD, THOMAS .. ..	{ Cloverhill, Knightswood, Glasgow.
1902 Nov. 5.	MUNRO, ROBERT CLARKE ..	{ 16 Holford Square, W.C.
1902 Apr. 22.	MURPHY, JOHN JOSEPH ..	{ Watercourse Mill Road, Cork.
1902 Jan. 28.	{ MURRAY, RONALD CHARLES } SCOTT, B.A. (Cantab.) ..	{ 7 The Sanctuary, Westminster, S.W.
1902 Mar. 25.	MURRAY, WALTER .. .. .	{ Midland Ry., Engineer's Office, Derby.
1901 Dec. 11.	{ MYERS, GEORGE DOUGLAS } ALFRED .. .. .	{ 214 Camberwell Grove, S.E.
1901 Dec. 3.	{ NAPIER, ARTHUR GEORGE FRITZ } B.Sc. (Victoria) .. .. .	{ Begari Canals, Jacobabad, Sind, India.
1902 Nov. 5.	NAPPER, WILLIAM ERNEST ..	{ B. & N. W. Ry., Gorakhpur, N.W.P., India.
1903 Mar. 24.	NASH, THOMAS STANLEY ..	{ 78 Wrottesley Road, Plumstead.
1903 Dec. 15.	NEILSON, JAMES .. .. .	{ Royal Indian Engineering College, Staines.
1904 Mar. 29.	NEILSON, ROBERT .. .. .	{ 6 Camphill Drive, Crosshill, Glasgow.
1902 Mar. 25.	NETTELTON, OSCAR TRAVES ..	{ Borough Engineer's Office, Town Hall, Reading.
1902 Nov. 5.	NEWLANDS, JOHN ERIC .. ..	{ 27 Great King Street, Edinburgh.
1903 Nov. 24.	NEWTON, HAROLD ALEXANDER	{ 13 Earl's Terrace, Kensington, W.
1902 Feb. 4.	{ NEWTON - CLARE, EDWARD } THOMAS .. .. .	{ The Ferns, Beckenham, Kent.
1903 Dec. 22.	{ NICHOLSON, HARRY LECHLER } B.Sc. (Lond.) .. .. .	{ Royal Indian Engineering College, Staines.
1902 Nov. 5.	{ NICHOLSON, HORACE WATSON } B.Sc. (Lond.) .. .. .	{ Works Dept., H.M. Dockyard, Haulbowline, co. Cork.
1903 Nov. 10.	NICHOLSON, JOHN HEDLEY ..	{ 21 Park Terrace, Consett, co. Durham.
1900 Nov. 27.	NISBET, WALTER SELWYN ..	{ The Old House, Wimbledon.
1901 Mar. 26.	NIVEN, ERNEST CUMMING ..	{ Port Engineer's Office, Rangoon, Burma.
1902 Nov. 5.	NIXON, ALEXANDER KENNEDY	{ 6 St. George's Chambers, Cape Town, C.C.
1904 Mar. 29.	NOBLE, PETER .. .. .	{ Thames Ironworks, Tidal Basin, E.
1899 Mar. 21.	NORMAN, FRANK .. .. .	{ The Pines, Epsom.

Date of Admission,	STUDENTS,	
1900 Feb. 13.	{ NORRIE, CHARLES MATTHEW, {	Camphill House, Broughty Ferry,
	{ B.Sc. ( <i>St. Andrews</i> ) .. .. {	N.B.
1900 Nov. 27.	NORSWORTHY, HERBERT HENRY	30 Uplands Terrace, Swansea.
1903 Nov. 24.	NORTHCOTE, EDWARD STAFFORD	71 Dublin Road, Belfast.
1899 Nov. 28.	NORTHCOTE, HENRY FELIX ..	Niagara, Elsee Road, Rugby.
1899 Feb. 7.	NUNES, LIONEL GEORGE .. ..	{ P.W.D., Thaton Station, Lower Burma.
1903 Nov. 24.	OAKDEN, EDWARD .. ..	{ 984 Prospect Street, Cleveland, Ohio, U.S.
1902 Nov. 25.	O'BRIEN, JOSEPH ANDREW ..	{ Selby House, Weighton Road Anerley, S.E.
1902 Jan. 28.	OGSTON, HAMISH NORMAN ..	{ Coundon Villa, Coundon Road, Coventry.
1903 Dec. 22.	{ OKELL, ALFRED WILLIAM, {	13 St. Aubyn's Road, Upper Nor-
	{ B.A. ( <i>Cantab.</i> ) .. .. {	wood, S.E.
1903 Nov. 24.	OLDFIELD, ALF .. ..	Borough Engineer's Office, Batley.
1898 Nov. 8.	OMMANNEY, GEOFFREY GREAM	{ 10 Prince of Wales Terrace, Kensington, W.
1903 Nov. 24.	ONSLow, GUY CLEVELAND ..	Innerwyke Manor, Felpham, Bognor.
1901 Dec. 3.	ORME-WEBB, JAMES RODNEY..	{ Assam Rys. & Trading Co., Dibrugarh, Assam.
1902 Jan. 21.	{ ORMISTON-CHANT, THOMAS {	Albemarle House, East Twickenham.
	{ CLEMENT .. .. {	
1904 Mar. 29.	{ ORRINSMITH, ROBERT EDWARD {	Sunny Bank, Christchurch Road,
	{ HARVEY .. .. {	Hampstead, N.W.
1903 Dec. 22.	OSBORNE, ALEC FERGUSON ..	Spondon, near Derby.
1901 Dec. 11.	OSMOND, HAROLD .. ..	Laurel Farm, Totteridge.
1903 Dec. 15.	OSTLER, GEORGE ARTHUR ..	{ Murrayville, Stafford Road, Bourne-
		mouth.
1901 Nov. 19.	O'SULLIVAN, JOHN .. ..	Irrigation Dept., Alexandria, Egypt.
1903 Dec. 15.	O'SULLIVAN, VINCENT .. ..	{ Royal Indian Engineering College, Staines.
1898 Feb. 1.	OTWAY, JAMES HASTINGS ..	20 Northbrook Road, Dublin.
1901 Nov. 19.	OTWAY, PERCY MACEWAN ..	{ Sinnott & Stracey, Western Mail Chambers, Cardiff.
1903 Mar. 24.	OWEN, HENRY ATKINSON ..	City Engineer's Office, Leeds.
1904 Mar. 29.	PAIN, CLAUDE .. ..	A. C. Pain, 17 Victoria Street, S.W.
1901 Dec. 17.	{ PAIN, EDWARD DAVY, {	17 Victoria Street, S.W.
	{ B.A. ( <i>Cantab.</i> ) .. .. {	
1903 Nov. 24.	PARKER, GEOFFREY .. ..	{ Royal Indian Engineering College, Staines. [S.W.
1903 Mar. 24.	PARKER, HENRY EDMUND ..	c.o. R. E. Middleton, 17 Victoria St.,
1903 Jan. 27.	{ PARKER, OWEN FOSTRIC, {	20 Marlborough Place, N.W.
	{ B.A. ( <i>Cantab.</i> ) .. .. {	
1898 Nov. 22.	PARKER, WILLIAM ALEXANDER	{ Clyde Navigation, 16 Robertson Street, Glasgow.
1898 Nov. 8.	PARKINSON, PAUL GERHARDT	{ Carleton House, Hillfield Avenue, Hornsey, N.
1903 Nov. 10.	PARMITER, EUSTACE RAYNE ..	Ruddington, Nottingham.
1902 Nov. 5.	{ PARSONS, EDGAR ARTHUR {	Compania de Luz de Cordoba,
	{ ALICK .. .. {	Cordoba, Argentina.
1903 Mar. 24.	{ PATERSON, ALEXANDER {	West Point, Shipley, Yorks.
	{ McCULLOCH .. .. {	
1898 Nov. 22.	PATERSON, CLIFFORD COPLAND	{ National Physical Laboratory, Teddington.

Date of Admission.	STUDENTS.	
1904 Mar. 29.	PATERSON, GEORGE STUART ..	West Point, Shipley, Yorks.
1901 Dec. 11.	PATTERSON, FRANCIS TUCKER.	{ Y.M.C.A., Cape Town Buildings, South Africa.
1904 Mar. 29.	PATTERSON, JOSEPH ALBERT ..	{ Trevor, Tilford Road, Farnham, Surrey.
1904 Mar. 29.	PAWLEY, FRANK LURCOTT ..	Quarry Bank, Hessle, East Yorks.
1901 Mar. 26.	PAXTON, CHARLES HENRY ..	{ Contractor's Office, The Broadway, Salford.
1901 Nov. 19.	PAYNE, LAWRENCE TEMPLE ..	8 Chiswell Street, E.C.
m 1899 Mar. 28.	PEACH, FLEETWOOD KEIGHLY	Platt House, Borough Green, Kent.
1899 Nov. 28.	PEARCE, NATHANIEL .. ..	Aughton, near Ormskirk.
1900 Mar. 27.	PEARSON, CHARLES DEARNE ..	Station Road, Amersham, Bucks.
1900 Mar. 27.	PEAT, JAMES BARCLAY .. ..	Wykeham Rise, Totteridge, Herts.
1899 Mar. 28.	PEEL, REGINALD .. .. .	Fort Jameson, Rhodesia.
1900 Nov. 27.	{ PENNELL, REGINALD HUM- PHREY LEE .. .. .	Admiralty Harbour Works, Dover.
1902 Dec. 2.	PENNEY, JOHN ERNEST ..	47 Rossett Road, Crosby, Liverpool.
1903 Dec. 15.	{ PEPPERCORN, GEOFFREY ARTHUR .. .. .	5 The Paddock, Dover.
1903 Dec. 22.	PETERS, REGINALD .. ..	{ Central Technical College, Exhi- bition Road, S.W.
1899 Nov. 28.	PETHICK, GEORGE HAROLD ..	Harbour Engineer's Office, Swansea.
1902 Feb. 4.	{ PEYRECAVE, LOUIS FRANÇOIS DE PEYRECAVE .. .. .	20 St. Leonard's Road, Ealing, W.
1898 Mar. 15.	PHILLIPS, ARTHUR ERNEST ..	Torrington House, St. Albans.
1899 Mar. 28.	PHILLIPS, EDWARD DOUGLAS ..	18 Prospect Road, St. Albans.
1897 Nov. 23.	PHIPPS, NEVILLE LECKONBY ..	G. W. Ry., Gerrard's Cross, Bucks.
1901 Mar. 26.	PICKLES, FRANK ATKINSON ..	The Hirst, Saltaire, Shipley, Yorks.
1902 Nov. 5.	PIERREPONT, GERVAS EVELYN	Higham Grange, Nuneaton.
1903 Mar. 24.	PIKE, EUSTACE ROYSTON BAUM	Island House, Loughborough.
1902 Mar. 25.	PINK, EDWARD SIDNEY .. ..	5 Gwendolen Avenue, Putney, S.W.
1904 Jan. 12.	PINK, HAROLD WILLIAM ..	{ Cutherington, Hillborough Crescent, Southsea.
1903 Nov. 24.	PIPE, THOMAS SYLVANUS ..	{ St. Saviour's Road, Saltley, Bir- mingham.
1903 Mar. 31.	PITCAIRN, WILLIAM ERSKINE	28 Cluny Gardens, Edinburgh.
1903 Mar. 10.	PITT, PHILIP SEPTIMUS .. ..	Trinity College, Cambridge.
1901 Nov. 19.	PLANTE, STANLEY GEDGE .. ..	5 Harsnett, Colchester.
1902 Nov. 11.	PLATT, WILFRED ... ..	{ Morredge, Manchester Road, Roch- dale.
1898 Nov. 22.	PLUMPTON, JOHN DUDLEY ..	{ Cotswold, Glamorgan Road, Hamp- ton Wick.
1903 Nov. 24.	{ POLLARD, ARMELL RICHARD, B.A. ( <i>Cantab.</i> ) .. ..	21 Ravensbourne Gardens, Ealing, W.
1901 Dec. 11.	POOL, HAROLD .. .. .	10 Jasper Street, Hanley, Staffs.
1902 Nov. 5.	POOLEY, CHARLES BLOIS ..	Tapti Valley Ry., Vyara, Surat, India.
1902 Mar. 11.	POPE, ARTHUR .. .. .	Hatfield, The Grove, Slough.
1903 Nov. 24.	POTTS, ALFRED BERTRAND ..	Field View, Macclesfield.
1901 Nov. 19.	PRATT, FRANCIS GERALD ..	Bargate House, Mildenhall, Suffolk.
1903 Mar. 31.	PRESTON, FRANK MATTHEW ..	6 Albert Road, Saltaire.
1902 Nov. 5.	PRICE, WILLIAM JAMES ..	{ Llanwern, Somerset Road, Boscombe, Bournemouth.
1903 Dec. 22.	{ PURCELL, PIERCE FRANCIS, B.A., B.A.I. ( <i>Dublin</i> ) .. ..	Chatham Row, Dublin.
1902 Jan. 28.	PURI, KASHI RAM .. .. .	{ Thos. Cook & Son, Ludgate Circus, E.C.
1902 Mar. 25.	PURSE, FREDERICK WALTER ..	{ 127 London Road, Stockton Heath, Warrington.



Date of Admission.	STUDENTS.	
1903 Dec. 15.	QUARTANO, ANDREW ..	16 Beech Grove Road, Newcastle-on-Tyne.
1902 Mar. 25.	RAFFETY, SIDNEY ROBERT ..	Waterworks, 1 High Street, Gosport.
1902 Dec. 23.	RAMFAL, LÉON MAXIME ..	Central Technical College, Exhibition Road, S.W.
1903 Nov. 24.	{ RAFFIS, PIER ALESSANDRO } GIORGIO, B.A. ( <i>Cantab.</i> ) ..	Marconi's Wireless Telegraph Co., Chelmsford.
1904 Mar. 22.	{ RASHLEIGH, WILLIAM STUART } B.A. ( <i>Cantab.</i> ) ..	G. W. Ry., Engineer's Office, Paddington, W.
B m 1902 Jan. 18.	RATTENBURY, OSCAR BRANCH	Works Dept., Dockyard, Chatham.
1903 Nov. 10.	{ RAVENHILL, DOUGLAS WALTER } JULIUS ..	Victoria Lodge, Millbrook, Southampton.
1899 Nov. 28.	RELMAN, ARTHUR STANLEY ..	Calne, Wiltshire.
1899 Jan. 24.	RENDELL, ELIAS DE LA ROCHE	
1900 Jan. 9.	{ RESTIER, JAMES DOUGLAS } KENDALL ..	68 Linden Grove, Nunhead, S.E.
1898 Nov. 8.	REYNOLDS, ALAN ..	{ H. H. Young, The Cottage, Old Normanton, Derby.
1903 Nov. 24.	REYNOLDS, BERTIE ..	27 Woodville Road, Cardiff.
1904 Mar. 29.	REYNOLDS, LEETHAM ..	Sandal, Wakefield.
1900 Jan. 9.	RHODES, SAMUEL COLEY ..	Gordon College, Khartoum, Sudan.
1901 Mar. 12.	RICHARDS, BERTRAM DARELL	Leigh View, Stoke Bishop, Bristol.
1900 Nov. 27.	RICHARDS, NORMAN ESPLIN ..	Box 5124, Johannesburg, Transvaal.
1899 Nov. 28.	RICHARDS, WILLIAM BRAILEY	{ Lower Ganges Canal, Kaimganj, India.
1902 Feb. 4.	RICHARDSON, ALEXANDER ..	{ Marionville, Sciennes Gardens, Edinburgh.
1903 Mar. 24.	RICHARDSON, CHARLES THOMAS	Boro' Engineer's Office, Dover.
1903 Mar. 24.	RICHARDSON, FRANCIS AYMER	The Vicarage, Corbridge-on-Tyne.
1903 Mar. 24.	RICHARDSON, JOHN STOCKS ..	Well Royd, Rawdon, Leeds.
1903 Mar. 31.	RICHARDSON, WALTER MORRIS	Bod-Erw, St. Asaph, Flint.
1903 Nov. 24.	RIDGWAY, LEOPOLD PENROSE	Newtown, Waterford.
1904 Feb. 9.	RIDINGS, RALPH GRANT ..	31 Carson Road, West Dulwich, S.E.
1904 Mar. 29.	RIGBY, WILLIAM JASON EDGELL	{ River Plate House, Finsbury Circus, E.C.
1898 Feb. 22.	RISDON, PHILIP JAMES ..	{ Livesey, Son & Henderson, 14 South Place, E.C.
1904 Mar. 29.	RITCHIE, HARRY CLEMENT ..	West View, Heaton Moor, Stockport.
1903 Nov. 10.	ROBARTS, HERBERT PRIESTLEY	{ 3 Warrender Park Terrace, Edinburgh.
1902 Nov. 18.	ROBERT, ARTHUR WILLIAM ..	Closebrook, Simla, India.
1901 Dec. 11.	{ ROBERTS, CYRIL HUMPHREY } ROBERTS, EDWIN GILBERT	{ Mrs. Forrest, 494 Great Western Road, Glasgow.
1903 Mar. 24.	{ LLEWELLYN .. } ROBERTS, ERNEST DIGBY ..	{ Park Lodge, Eltham, Kent.
1903 Mar. 24.	ROBERTS, FRANK WILLIAM	16 The Leas, Folkestone.
1902 Dec. 9.	{ CRAMES .. } ROBERTS, JOHN EDWARD ..	{ 15 Onslow Gardens, S.W.
1899 Feb. 7.	ROBERTS, LEONARD ..	Craven Place, Clee Hill, Ludlow.
1904 Mar. 29.	ROBERTS, WILLIAM DUNCAN	226 London Road, Croydon.
1902 Nov. 5.	{ LUND .. } ROBERTSON, WALTER HENRY	{ 2nd Circle, Irrigation, Cairo, Egypt.
1900 Nov. 27.	{ ANTONIO .. } ROBINSON, FRANCIS BERTRAM	{ Elliott's Metal Co., Selly Oak Works, Birmingham.
1902 Jan. 21.	ROBINSON, HUMPHREY INGRAM	Overdale, Skipton, Yorks.
1904 Mar. 29.	ROBINSON, ISAAC VINCENT ..	King's College, Strand, W.C.
B m J 1900 Nov. 27.		{ Greenhow, Belle Vue, West Hartlepool.

Date of Admission.	STUDENTS.	
1903 Nov. 17.	ROBINSON, REGINALD BRAHAM	79 East Hill, Wandsworth, S.W.
1899 Nov. 28.	ROBINSON, WILLIAM PERCIVAL	County Engineer's Office, Durham.
1903 Mar. 31.	ROCHE, RICHARD DE RUPE ..	30 Mount Preston, Leeds.
1899 Mar. 28.	ROCHER, CHARLES GUILLIAUME	Eastward Ry., Springs, Transvaal.
1902 Nov. 5.	RODWELL, ERNEST GRAVENOR	Grindlay & Co., Bombay.
1903 Mar. 24.	ROOTHAM, HOWARD MELVILLE	12 Well Walk, Hampstead, N.W.
1900 Nov. 27.	{ROSENHEIM, ERNEST ALBERT, } B.Sc. ( <i>Victoria</i> ) .. .. .	1 Croxteth Road, Princes Park, Liverpool.
1900 Nov. 27.	ROSS, ALFRED PERCY .. ..	{c.o. A. Ross, 36 Fellows Road, South Hampstead, N.W.
1899 Nov. 28.	ROUSE, ALEXANDER MACDONALD	{44 Arundel Gardens, Notting Hill, W.
1903 Nov. 10.	ROWLEY, HAROLD GEORGE ..	"Sidmouth," Balham Park Rd., S.W.
1900 Nov. 27.	{ROWLEY, JOHN REGINALD } PHILLIPS .. .. .	Harbour Works, Pwllheli, N. Wales.
1902 Nov. 5.	ROY, RADHAMADHAO .. ..	P.O., Jalsuka, Sylhet, India.
1902 Mar. 25.	ROYCE, BERNARD .. ..	West Leigh Road, Leicester.
1902 Mar. 25.	ROYSTON, CHRISTOPHER CLARKE	Childwall Vicarage, Liverpool.
1903 Nov. 17.	RUFFHEAD, ALFRED ERNEST ..	19 Graham Rd., Wimbledon, S.W.
1903 Nov. 24.	RUSDELL, WILLIAM JOSEPH ..	{South Staffs Mond Gas Co., Trendle House, Dudley.
1900 Mar. 27.	RUSSELL, ROBERT .. ..	{Derwent Valley Water Board, Bamford, Sheffield.
1904 Feb. 9.	{SABINE, HAROLD WILLIAM } TOWNEND CHURCHILL ..	20 Chapter Road, Willesden Park, N.W.
1903 Nov. 10.	SALBERG, FRANK JAMES .. ..	15 Northbrook Road, Lee, S.E.
1899 Mar. 28.	SALMON, ERNEST HINKLY ..	8 Durham Road, Manor Park, E.
1902 Nov. 5.	SALT, ERNEST ALBERT .. ..	Blithfield, New Malden, Surrey.
1901 Nov. 27.	SAMY, MAHMOUD .. ..	Nasrieh College, Cairo.
1901 Mar. 26.	SANDBERG, NILS PERCY PATRICK	9 Bridge Street, Westminster, S.W.
1897 Nov. 10.	{SANDBERG, OSCAR FRIDOLF } ALEXANDER .. .. .	9 Bridge Street, Westminster, S.W.
1903 Nov. 10.	SANDEMAN, CHARLES VAUGHAN	The Chestnuts, Church, Accrington.
1904 Mar. 29.	SANDERS, CARL HUBERT ..	The Vicarage, Betchworth.
1901 Dec. 11.	SATOW, CHARLES FRANCIS ..	Northcote, Berkhamsted.
1904 Mar. 29.	SAXBY, HERBERT BABER ..	11 Gregory Street, Loughborough.
1902 Nov. 5.	{SAXBY - THOMAS, HUMBERT } GEORGE .. .. .	98 New Walk, De Montfort Square, Leicester.
1901 Nov. 19.	SCARD, DUDLEY ISENBART ..	76 Alexandra Street, Derby.
1899 Nov. 28.	SCHOEBERLEIN, FRITZ .. ..	Genova, The Broadway, Sheerness.
1902 Mar. 25.	SCHOFIELD, FRANK .. ..	74 Mossley Road, Ashton-under-Lyne.
1902 Mar. 25.	SCOTT, HUGH .. ..	44 Hova Villas, Hove.
1899 Feb. 14.	SEABROOKE, LAWRENCE MENDS	King, King & Co., Bombay.
1902 Nov. 11.	SEGRAVE, JAMES HENRY ..	{22 Lawford Road, Kentish Town, N.W.
1898 Nov. 22.	SERPELL, DOUGLAS LESLIE ..	{Derwent Valley Water Board, Bamford, Sheffield.
1901 Nov. 19.	{SETH-SMITH, LESLIE, } B.A. ( <i>Cantab.</i> ) .. .. .	Alleyne, Caterham Valley, Surrey.
1904 Mar. 29.	SHAKOOR, TREVOR MONSOOR ..	7 Aubrey Road, Campden Hill, W.
1903 Nov. 10.	{SHARPE, CHARLES ARTHUR, } B.A. ( <i>Cantab.</i> ) .. .. .	4 Broadlands Road, Highgate, N.
1897 Nov. 10.	SHARPLEY, REGINALD .. ..	111 Iverna Court, Kensington, W.
1903 Jan. 13.	SHAW, CHARLES WILLIAM ..	Park Villa, Dewsbury.
1903 Nov. 24.	SHAW, FRANCIS BLEWETT ..	Southhill Rectory, Callington.
1903 Nov. 10.	SHAW, THOMAS ALFRED ..	26 Elms Avenue, Muswell Hill, N.
1899 Nov. 28.	SHELLEY, WILLIAM JOHN ..	{Midland Ry., Engineer's Office, Derby.



Date of Admission.	STUDENTS.	
1897 Apr. 6.	SHEPHERD, PERCY EDWARD ..	{ Engineer's Office, L. & Y. Ry., Hunt's Bank, Manchester.
1900 Nov. 27.	SHEPLEY, JOHN THORPE .. ..	Picardy House, Belvedere, Kent.
1903 Nov. 24.	SHEPPARD, CHARLES WESTCAR	{ 211 Upper Richmond Road, Putney, S.W.
1902 Dec. 2.	SHEPPARD, JAMES .. .. .	Hawsted, Buckhurst Hill, Essex.
1897 Nov. 10.	SHERREN, ARTHUR OSWALD ..	Boro' Engineer's Office, Dover.
1903 Dec. 15.	{ SHILSTONE, WILLIAM CHARLES NELSON .. .. . }	{ Royal Indian Engineering College, Staines.
1902 Nov. 5.	SHORTT, WILLIAM HAMILTON	{ Bramcote, Bramcote Road, Putney, S.W.
1901 Jan. 15.	SIBETH, AUSTIN .. .. .	{ Manor House, Sutton Park, Guild- ford.
1903 Mar. 24.	SIDDALLS, WILLIAM FREDERICK	6 Ashmere Grove, Brixton, S.W.
1902 Feb. 4.	SIDEBOTTOM, JOHN KERCHEVAL	{ Engineer's Office, L. & Y. Ry., Hunt's Bank, Manchester.
1901 Dec. 17.	SILCOX, LEONARD ERNEST ..	H. B. Nichols, 11 Victoria St., S.W.
1900 Nov. 27.	SIMEON, CHARLES JOHN .. ..	{ Statter & Co., Cornwall Buildings. Newhall Street, Birmingham.
1898 Nov. 8.	SIMON, ERNEST DARWIN ..	20 Mount Street, Manchester.
1903 Dec. 15.	SIMPSON, ALEC JAMES .. ..	8 Paultons Square, Chelsea, S.W.
1898 Nov. 29.	SINCLAIR, ALFRED ROBERT ..	Mrs. Gow, 13 Rupert Street, Glasgow.
1901 Nov. 27.	SINGH, BĀWĀ RAMNEEK ..	{ Agra-Delhi Chord Ry., Muttra, India.
1903 Nov. 24.	SKELSEY, FREDERICK WALTER	{ The Hawthorns, Westbourne Avenue, Hull.
m 1897 Mar. 29.	SKINNER, CLIFTON MACLEAN ..	{ 2 St. Paul's Terrace, Newcastle-on- Tyne.
1902 Nov. 5.	SLEIGH, ALEXANDER IRVING ..	King, King & Co., Bombay.
1902 Nov. 5.	SMAIL, JAMES CAMERON ..	{ Ormonde, Mount Eden Road Donnybrook, Dublin.
1898 Nov. 8.	SMITH, ALBERT BROMLEY ..	{ Sutcliffe Ventilating Co., Cathedral Corner, Manchester.
1900 Nov. 27.	SMITH, CYRIL GRAHAM ..	Thames Ironworks, Tidal Basin, E.
1904 Mar. 29.	SMITH, FREDERICK GEORGE ..	{ 6 Vanbrugh Park Road East, Blackheath, S.E.
1903 Nov. 17.	SMITH, GEORGE MAKINS ..	4 Belgrave Place, Bury.
1903 Nov. 24.	SMITH, JOHN WOODHEAD ..	37 Charlton Road, Blackheath, S.E.
1897 Apr. 6.	{ SMITH, KENNETH BASIL WOODD .. .. . }	{ Beesley, Son & Nichols, 11 Victoria Street, S.W.
1900 Nov. 27.	SMITH, LEONARD MOUNTFORD	Wyndcliffe, Dudley.
1901 Nov. 19.	SMITH, ROBERT MELVILLE ..	6 Tower Road, Dartford, Kent.
1902 Dec. 2.	SMITH, ULRIC VIVIAN .. ..	{ 8 Kingsford Street, Gospel Oak, N.W.
1903 Feb. 3.	SMITH, VERNON CHARLES ..	Town Hall, Staines.
1903 Mar. 24.	SMITH, WALTER JOHN .. ..	{ Upper Chenab Canal, Guyranwala, Punjab.
1901 Mar. 26.	SMITH, WILLIAM FREDERICK ..	Dunseverick, Barnet.
1903 Mar. 24.	SMYTH, ARCHIBALD HUGH ..	Engineer's Dept., London County Council, Spring Gardens, S.E.
1899 Nov. 28.	{ SNAPE, ALFRED ERNEST B.Sc. (Victoria) .. .. }	{ City & Guilds Institute, Exhibition Road, S. Kensington, S.W.
1903 Mar. 24.	SNEYD, GEORGE STUART ..	17 Palace Road, Norwood, S.E.
1900 Nov. 27.	SOUTH, GEOFFREY WRENCH ..	14 Torrington Square, W.C.
1904 Mar. 29.	SPALDING, PERCY ALFRED ..	132 Selhurst Road, S.E.
1898 Nov. 8.	SPARROW, CLAYTON STALLARD	Gore Court, Otham, Maidstone.
1901 Nov. 27.	SPARTALI, MICHAEL .. ..	{ 51 Kingsmead Road, Tulse Hill, S.W.
1900 Nov. 27.	SPEECHLY, EDWARD .. ..	121 Hawkshead Street, Southport.
1903 Nov. 24.	SPEIGHT, HERBERT .. ..	



Date of Admission.	STUDENTS.	
1898 Nov. 8.	{ SPENCER, EDMUND STONE, } B.Sc. ( <i>Victoria</i> ) .. .. .	Town Hall, Ilfracombe.
1902 Mar. 25.	SPENCER, EVELYN .. .. .	{ Sandford Lodge, Southbourne, Christchurch, Hants.
1903 Nov. 24.	{ SPENCER, MAXIMILIAN } HAROLD .. .. .	93 Blenheim Crescent, Notting Hill, W.
1900 Dec. 18.	SPILSBURY, LIONEL BRUCE ..	{ Royal Indian Engineering College, Staines.
1902 Mar. 25.	SPOONER, ARTHUR DOUGLAS ..	33 Great George Street, S.W.
1898 Nov. 8.	STACEY, WILLIAM HENRY ..	Ingleside, Coleshill, Warwickshire.
1902 Nov. 5.	STALLARD, GEORGE WILLES ..	Horton Crescent, Rugby.
1903 Dec. 22.	STAMPE, WILLIAM LEONARD ..	Ash Lea, Grimsby.
1901 Nov. 27.	{ STANIER, CHARLES EDWARD, } B.Sc. ( <i>Lond.</i> ) .. ... ..	Dorman, Long & Co., Middles- brough.
1902 Nov. 11.	STEED, ALFRED WILLIAM ..	{ Royal College of Science, Exhibition Road, S.W.
1901 Mar. 26.	STEINBERG, HERBERT EDWARD	43 Parliament Hill, N.W.
1901 Nov. 27.	STEINTHAL, PAUL TELFORD ..	St. John's, Ilkley, Yorks.
1903 Nov. 24.	STERN, ALEXANDER CECIL ..	{ Royal Indian Engineering College, Staines.
1903 Feb. 17.	STEVENS, ARTHUR HAROLD ..	{ Redlands Rise, Alexandra Road, Reading.
1904 Mar. 29.	STEVENS, FRANCIS GEORGE ..	Town Hall Chambers, Torquay.
1902 Dec. 2.	STEVENS, HENRY JOHN HENLEY	Beechlawn, Parktown, Oxford.
1899 Mar. 28.	STEVENS, HERBERT LESLIE ..	2 Loates Lane, Watford.
1902 Nov. 11.	{ STEVENS, THOMAS HARRY } GOLDSWORTHY .. .. .	Compstall Hall, via Stockport.
1901 Nov. 19.	STEWART, BASIL .. .. .	{ c.o. Mrs. Stewart, 52 Redcliffe Gardens, Kensington, S.W.
1903 Nov. 10.	STEWART, DONALD MACIVER	Dera Ghazi Khan, Punjab, India.
1903 Jan. 27.	{ STEWART, FREDERICK ROBERT, } B.Sc. ( <i>Glas.</i> ) .. .. .	Williamwood, Cathcart, Glasgow.
1903 Nov. 10.	STRACHAN, WILLIAM STEAD ..	{ 51 Cavendish Road, Clapham Park, S.W.
1902 Dec. 2.	STREET, ARTHUR HUBERT ..	{ St. Margaret's, Berlin Road, Cat- ford, S.E.
1901 Nov. 19.	STRINGER, HAROLD .. ..	2 Stokeville, Stoke-on-Trent.
1899 Nov. 28.	{ SVENSSON, GILLIS, } B.Sc. ( <i>Victoria</i> ) .. .. .	Albany Villa, College Road, Ches- hunt.
1897 Nov. 10.	SWALES, JOHN KIRBY .. ..	City Engineer's Office, Leeds.
1901 Nov. 19.	SWAN, PERCIVAL .. .. .	58 Holland Park, W.
1903 Nov. 24.	SWAYNE, HERBERT CHARLES ..	R. St. G. Moore, 17 Victoria St., S.W.
1903 Dec. 15.	{ SYMES, WILLIAM FITZROY } SCUDAMORE STALLARD ..	King's College, Strand, W.C.
1902 Dec. 2.	SZLUMPER, GILBERT SAVILE ..	{ L. & S.W. Ry., Engineer's Office, Clapham Junction, S.W.
1904 Feb. 9.	TABOR, ERIC MONTAGU .. ..	King's College, Strand, W.C.
1904 Mar. 29.	TANNOCK, JAMES FERGUSON ..	Woodend, Tarbolton, Ayrshire.
1903 Dec. 15.	TATE, THOMAS BAILEY .. ..	{ Royal Indian Engineering College, Staines.
1900 Nov. 27.	{ TAYLOR, JOHN HAROLD CLAY- } FIELD .. .. .	G.N. Piccadilly & Brompton Ry., 6 Belgrave Street, King's Cross, N.
1904 Mar. 22.	TAYLOR, THOMAS HAROLD ..	3 Drayton Green Road, Ealing, W.
1902 Nov. 5.	{ TENNANT, NORMAN SCHOLE- } FIELD .. .. .	Strathmore, Harrogate.
1903 Nov. 17.	TEULON, OLIVER HENRY ..	{ 17 Kenilworth Avenue, Wimbledon, S.W.

Date of Admission.	STUDENTS.	
1903 Dec. 22.	THAIN, THOMAS EDWARD ..	11 Glendower Place, S.W.
1902 Jan. 28.	THATCHER, IVAN JAMES ..	{ 124 Cromwell Road, Montpelier, Bristol.
1900 Nov. 27.	{ THISELTON - DYER, GEORGE HENRY, B.A. ( <i>Cantab.</i> ) .. }	Waterworks, Commercial Road, Portsmouth.
1904 Mar. 15.	THOMAS, FRED, B.Sc. ( <i>Victoria</i> )	Sutton Road, Somerton, Somerset.
1900 Mar. 27.	THOMAS, JOHN VICK .. ..	14 Alexander Road, Gloucester.
1903 Nov. 10.	THOMAS, MARTIN LEWIS ..	King's College, Strand, W.C.
1903 Jan. 13.	THOMAS, RICHARD EMRYS ..	{ Engineer's Office, L. & S.W. Ry., Waterloo, S.E.
1903 Nov. 24.	THOMAS, WILLIAM CLAUD ..	28 Mulgrave Street, Liverpool.
1904 Mar. 29.	{ THOMAS, WILLIAM LIONEL MAURICE .. .. .. }	42 Gower Road, Forest Gate, E.
1903 Nov. 24.	{ THOMPSON, BERNARD VALENTINE .. .. . }	Borough Engineer's Office, Northampton.
1900 Mar. 27.	THOMPSON, EDWARD HORACE ..	{ Gwynne, Albemarle Road, Beckenham.
1902 Mar. 25.	{ THOMPSON, GEORGE NORMAN VERE .. .. . }	Ferndale, Richmond Road, Crewe.
1900 Nov. 27.	THOMPSON, MICHAEL STEPHEN	6 Clifton Villas, Wembley.
1901 Mar. 26.	THORNE, PHILIP HOWARD ..	{ Suspension Bridge, Conway, N. Wales.
1900 Mar. 6.	THORNHILL, WILLIAM JOHNSON	P.W.D., Colombo, Ceylon.
1897 Nov. 10.	THORNTON, ERNEST .. ..	The Poplars, Chidswell, Dewsbury.
1898 Dec. 20.	THORNTON, GILBERT MILLER ..	Govt. Rys., Uitenhage, Cape Colony.
1902 Dec. 2.	{ THORNTON, REGINALD CHRIS- TOPHER .. .. . }	Shire Hall, Nottingham.
1901 Nov. 27.	THORNYCROFT, ISAAC THOMAS	Eyot Villa, Chiswick Mall, W.
1903 Dec. 22.	THORP, HARVEY THOMAS ..	Moss Bank, Whitefield, Manchester.
1899 Nov. 28.	{ THORPE, WILLIAM ALFRED CHARLES .. .. . }	North Western Ry., Rawal Pindi, India.
1903 Nov. 17.	TIFFANY, FRANK, JUN. .. ..	3 Kelso Road, Leeds.
1901 Nov. 19.	TODD, HERBERT .. .. .	{ Indwe-Maclear Railway, Indwe, Cape Colony.
1903 Dec. 15.	TOPHAM, HARRY .. .. .	{ Royal College of Science, S. Kensington, W.
1900 Nov. 27.	{ TOPLEY, JOHN WHITEMAN MOR- LAND .. .. . }	Humphreys & Glasgow, 38 Victoria Street, S.W.
1898 Nov. 8.	TOVEY, HENRY TURNER ..	39 Nevern Square, Earl's Court, S.W.
1901 Mar. 26.	TREDCROFT, ARTHUR FRANCIS	26 Rock Lane West, Rock Ferry.
1897 Mar. 29.	{ TREE, PHILIP BEAGLEY LE DESPENCER .. .. . }	Jhelum Canal, Sargodah, Shahpur District, Punjab.
1902 Mar. 25.	TREMLETT, PERCIVAL MERVYN	G.W. Ry., Engineer's Office, Bristol.
1898 Dec. 6.	{ TRESSLER, KARL THEODOR BERTHOLD, B.Sc. ( <i>Lond.</i> ) .. }	P.W.D., Tanjore, Madras.
1904 Jan. 12.	{ TREVOR - ROBERTS, ARTHUR, B.Sc. ( <i>Victoria</i> ) .. .. }	7 Slatey Road, Claughton, Birkenhead.
1903 Jan. 20.	{ TREWBY, ARTHUR, B.A. ( <i>Cantab.</i> ) .. .. }	G. C. Trewby, Fenton House, Hampstead Heath, N.W.
1899 Nov. 28.	TRIER, FRANK NEWTON ..	6 The Terrace, Champion Hill, S.E.
1903 Apr. 7.	{ TRIMMER, GEORGE WILLIAM ARTHUR .. .. . }	Broadgate Villa, Garsmere, Westmoreland.
1902 Feb. 4.	TRIPP, GEORGE WALTER ..	13 Grafton Road, Bedford.
1904 Mar. 29.	{ TRIPP, WILLIAM HOWARD SANDBERG .. .. . }	W. T. Douglass, 15 Victoria Street, S.W.
1904 Apr. 12.	TROUGHTON, HENRY JAMES ..	{ L.C.C. Tramways, 303 Camberwell New Road, S E.
1900 Nov. 27.	TUDOR, FREDERIC EDWARD ..	{ District Engineer's Office, N. E. Ry., York.
1904 Apr. 12.	TUDSBERY, HENRY TUDSBERY	{ 125 Thurlow Park Road, Dulwich, S.E.
1903 Nov. 10.	TURNBULL, WALTER ALEXANDER	43 Chesham Road, Bury.

Date of Admission.	STUDENTS.	
1904 Mar. 29.	TURNER, ARTHUR MITCHELL	5 Goldswong Terrace, Nottingham
1900 Nov. 27.	TURNER, ELWYN MEYRICK ..	3 Windermere Road, Muswell Hill,
1902 Dec. 2.	TURNER, FRED .. .. .	34 Wesley Street, Morley. [N.]
1898 Nov. 8.	TURNER, SYDNEY GEORGE ..	23 Earl's Court Gardens, S.W.
1903 Apr. 21.	TURRALL, RICHARD HENRY ..	Torrington, N. Devon.
1904 Mar. 29.	TUTT, ERNEST LEO HEALEY ..	{ A. T. Walmisley, 9 Victoria Street, S.W.
1902 Nov. 5.	TYACK, EDGAR JAMES .. ..	Rutland Hotel, Bakewell.
1900 Nov. 27.	{ TYRRELL, GEORGE NUGENT } MERLE .. .. .	{ 9 Hall Street, Chelmsford.
1903 Nov. 24.	UDALE, STANLEY MARTIN ..	33 The Avenue, Bedford Park, W.
1898 Jan. 25.	UNWIN, HOWARD BUCKLEY ..	1 Newton Grove, Bedford Park, W.
1900 Mar. 27.	UPTON, MITCHELL HENRY ..	
1903 Nov. 24.	URE, ROBERT .. .. .	46 Maxwell Drive, Glasgow.
1904 Mar. 22.	URQUIHART, GEORGE .. ..	6 Derby Street, Mayfair, W.
1903 Nov. 10.	{ UTTLEY, JAMES ARTHUR, } B.Sc. ( <i>Victoria</i> ) .. .. .	{ Manor Heath, Napier Road, Heaton Moor, Manchester.
1904 Mar. 29.	VALE, PERCY THOMAS .. ..	King's College, Strand, W.C.
1903 Mar. 24.	{ VALON, WILLIAM ARGENTINE } McINTOSH .. .. .	{ 503 Pitsmoor Road, Sheffield.
1904 Feb. 9.	{ VAN DER MEERSCH, ANDRÉ } EMMANUEL MARIE FRÉDÉRIC	{ Central Technical College, Exhi- bition Road, S.W.
1902 Nov. 5.	VARVILL, MICHAEL NOEL ..	{ Woodcote, Redington Road, Hamp- stead, N.W.
1893 Nov. 22.	VENABLES, ARTHUR VINCENT	East Indian Ry., Howrah, Bengal.
1902 Dec. 2.	{ VOGEL, HEINRICH ERNST } THEODOR .. .. .	{ 10 Mount Adon Park, Dulwich, S.E.
1903 Nov. 17.	VOGEL, ROGER FERDINAND ..	12 Manor Court Road, Hanwell, W.
1902 Dec. 2.	{ WAINWRIGHT, HUBERT CYRIL } THOMAS .. .. .	{ Boro' Engineer's Office, Wolver- hampton.
1904 Mar. 29.	WAITE, GEORGE ARTHUR ..	22 Burnett Avenue, Bradford.
1901 Mar. 26.	WALES, WILLIAM ARTHUR ..	{ Corporation Electricity Works, Ash- ton-under-Lyne.
1903 Dec. 22.	WALKER, EDWARD GEORGE ..	39 Cale Street, Chelsea, S.W.
1902 Nov. 5.	WALKER, FRANK EGERTON ..	{ Central Technical College, Exhi- bition Road, S.W.
1900 Mar. 27.	WALKER, GEORGE .. .. .	{ Firs Brake, Leckhampton, Chelten- ham.
1903 Dec. 22.	WALKER, GILBERT, B.A. ( <i>Oxon.</i> )	36 Oakley Crescent, Chelsea, S.W.
1900 Dec. 18.	WALKER, JOHN CLIVE .. ..	{ 41 Hamilton Terrace, St. John's Wood, N.W.
1900 Apr. 3.	{ WALKER, THOMAS ARCHIBALD, } B.A. ( <i>Cantab.</i> ) .. .. .	{ 56 Claverton Street, Pimlico, S.W.
1897 Nov. 23.	WALKEY, OLIVER ROWLAND	{ Canopus, Rothsay Gardens, Bed- ford.
1904 Jan. 12.	WALLACE, THOMAS WALLER ..	24 Popstone Road, Earl's Court, S.W.
1900 Mar. 27.	WALMSLEY, HAROLD .. ..	{ Arncliffe, Whitegate Drive, Black- pool.
1902 Mar. 25.	WALTON, ARTHUR MOORE ..	{ 12 Little College Street, West- minster, S.W.
1899 Jan. 10.	WALTON, EUSTACE BALL ..	{ J. E. Walton, 4 Norfolk Villas, Mus- grave Road, Durban, Natal.
1899 Mar. 28.	WALTON, JOHN SEWELL ..	Town Hall Chambers, Torquay.



	Date of Admission.	STUDENTS.	
	1900 Nov. 27.	WARD, EBENEZER THOMAS ..	{ Rissington, Hadleigh Road, Leigh-on-Sea.
	1902 Nov. 5.	{ WARD, HENRY PILKINGTON, B.Sc. ( <i>Victoria</i> ) .. .. .	{ Ambleside, Withington Road, Whalley Range, Manchester.
	1903 Dec. 22.	{ WARMINGTON, EDWARD STEPHEN, B.A. ( <i>Cantab.</i> ) ..	{ 7 New Square, Lincoln's Inn, W. C.
	1899 Nov. 28.	WARWICK, HUGH BRANSTON	King, King & Co., Bombay.
	1897 Jan. 12.	WATERHOUSE, GILBERT .. ..	Greenfields, Rhayader, Rads.
	1901 Dec. 3.	{ WATERMEYER, THEODORE HEINRICH .. .. .	{ Jonkers Hoek, Stellenbosch, Cape Colony.
	1903 Nov. 24.	WATERS, HORACE FRANK .. ..	30 Arthur Road, Brixton, S.W.
	1904 Mar. 29.	WATKINS, ARTHUR ALBERT ..	34 Haymarket Terrace, Edinburgh.
	1901 Nov. 19.	{ WATNEY, WILLIAM HERBERT, B.A. ( <i>Cantab.</i> ) .. .. .	{ Thames Ironworks, Blackwall, E.
	1903 Nov. 10.	WATSON, HERBERT, B.E. ( <i>Royal</i> )	38 Eglantine Avenue, Belfast.
m +	1901 Dec. 3.	WATSON, HUGH SEXTUS .. ..	10 Essendine Road, Maida Hill, W.
	1901 Nov. 19.	WATTS, SIDNEY JOHNSON .. ..	Trinity Hall, Cambridge.
	1899 Nov. 28.	WATTS, STAFFORD TRACEY .. ..	Box 179, Barberton, Transvaal.
	1903 Nov. 10.	WEBB, LEONARD ALEC VERNON	39 Kensington Gardens Square, W.
	1903 Mar. 24.	WEEKS, EDMUND GEORGE .. ..	29 Lansdowne Grove, Neasden, N.W.
	1900 Nov. 27.	WELCH, RICHARD HUBBARD ..	Royal Survey Dept., Bangkok, Siam.
	1903 Dec. 22.	{ WELLER, HENRY OWEN, B.Sc. ( <i>Glasgow</i> ) .. .. .	{ 32 St. John's Road, Watford, Herts.
	1899 Dec. 5.	WELLER, WALTER KIRKWOOD	{ P.W.D., Coolgardie Water Scheme Branch, Perth, Western Australia.
	1903 Nov. 24.	WELLS, WILLIAM .. .. .	{ East View, Horden Colliery, Easington, Co. Durham.
	1901 Mar. 5.	WESSEL, HARRY LUIS .. ..	{ Beeche, Duval & Co., 25 Broad St., New York, U.S.
	1901 Dec. 17.	WETHERALL, ARTHUR .. ..	{ 67 Second Avenue, Heaton, Newcastle-on-Tyne.
	1899 Nov. 28.	{ WHEATCROFT, KENNETH DOUGLAS .. .. .	{ Waltham House, Warksworth.
	1903 Nov. 17.	WHEATON, HAROLD JOSEPH ..	{ Central Technical College, S. Kensington, S.W.
	1902 Nov. 25.	WHEELER, WILLIAM THOMAS	4 Grove Road, Barnes, S.W.
m +	1897 Nov. 23.	WHIGHAM, GEORGE HAY .. ..	160 Hope Street, Glasgow.
	1903 Nov. 17.	WHILE, AUGUSTUS .. .. .	{ Central Technical College, S. Kensington, S.W.
	1899 Nov. 28.	WHITE, COLIN ROBERT .. ..	Admiralty Harbour Works, Dover.
	1897 Nov. 10.	{ WHITE, ERNEST CLARK, B.Sc. ( <i>Victoria</i> ) .. .. .	{ 63 Daisy Hill, Dewsbury.
	1902 Nov. 5.	WHITE, FRANCIS MARIE JOSEPH	Ardenham, Somerset Rd., Ealing, W.
	1902 Dec. 2.	WHITE, WALTER .. .. .	49 North Place, Guildford.
	1902 Apr. 22.	WHITEHEAD, ALAN OCTAVIUS	Deighton Grove, York.
	1903 Mar. 24.	WHITLEY, FRANCIS GRENVILLE	Manor Office, Eastbourne.
	1901 Apr. 16.	WHITLEY, ROGER, B.A. ( <i>Cantab.</i> )	44 Frogmat, Hampstead, N.W.
	1903 Mar. 24.	WHITSON, RALPH ALEXANDER	7 Windsor Quadrant, Glasgow.
	1900 Mar. 27.	WHITTINGTON-COOPER, ALFRED	{ 26 Kenilworth Court, Putney Bridge, S.W.
	1901 Nov. 19.	WHITTLE, BERTRAM ARTHUR	{ 59 Earlsfield Road, Wandsworth, S.W.
	1903 Mar. 24.	WICKENDEN, ERNEST .. ..	16 Claremont Rd., Tunbridge Wells.
	1899 Dec. 5.	WICKHAM, JOHN AVENEL .. ..	Hill House, Tetbury, Glos.
	1903 Dec. 15.	WILDER, HARRY HILLIARD ..	{ 48 Cambridge Gardens, North Kensington.
	1897 Nov. 10.	WILKES, JOSEPH ERNEST .. ..	The Sycamores, Pelsall, Walsall.
	1899 Nov. 28.	WILKINSON, NEWMAN .. ..	Boro' Engineer's Office, Batley.
	1903 Nov. 17.	WILL, ROBERT WILLIAM, JUN.	42 Colinton Road, Edinburgh.
	1900 Nov. 27.	WILLIAMS, ALFRED GLYN .. ..	11 Weld Road, Birkdale, Southport.
	1903 Jan. 20.	{ WILLIAMS, HAROLD CRAIGIE, B.A. ( <i>Oxon.</i> ) .. .. .	{ 4 Derwent Square, Stoneycroft, Liverpool.

Date of Admission.		STUDENTS.	
1899 Mar. 28.	WILLIAMS, JAMES STANLEY ..	Boro' Engineer's Office, West Ham.	
1899 Mar. 28.	WILLIAMSON, ANDREW .. ..	{ Derwent Valley Water Board.	
		Bamford, Sheffield.	
1903 Mar. 24.	WILLIAMSON, HUGH PASS ..	Oak Avenue, Romiley, Stockport.	
B 1902 Nov. 5.	WILLIAMSON, JAMES .. ..	Westfield Farm, Holytown.	
1904 Mar. 29.	WILCOX, BENJAMIN BRUCE ..	{ 34 Hamilton Terrace, St. John's	
		Wood, N.W.	
1899 Mar. 28.	WILLSON, CYRIL FREDERICK ..	{ The Old Rectory House, Wimble-	
		don Park.	
1903 Jan. 13.	WILSON, CYRIL SPENCER ..	Woodville, Lansdown, Bath.	
1904 Mar. 29.	WILSON, ERNEST .. ..	52 Allen Road, Wolverhampton.	
1896 Nov. 16.	WILSON, HARRY BERTRAM ..	{ Fairview House, St. Margaret's,	
		Twickenham.	
1904 Jan. 12.	WILSON, HERBERT CLARKE ..	Willow House, Penistone.	
1900 Mar. 27.	WILSON, JOSEPH DOUGLAS ..	{ Engineering School, Crystal Palace,	
		S.E.	
1901 Mar. 26.	WILSON, JOSEPH LUPTON ..	11 Gregory Street, Loughborough.	
1900 Nov. 27.	WIMBUSH, HENRY LAWRENCE	{ 380 Liverpool Road, Patricroft,	
		Manchester.	
1901 Feb. 12.	WINGFIELD, GODFREY LEE ..	{ 3 Leamington Villas, Chiswick	
		Lane, W.	
1898 Nov. 8.	WINTER, ERNEST CHARLES ..	Ivydene, Hathersage, Sheffield.	
1900 Mar. 27.	WISE, JAMES BERKELEY ..	Cork, Bandon & S.C. Ry., Bandon.	
1903 Nov. 17.	WOLFF, MARTIN .. ..	Ashurst, Sydenham, S.E.	
1899 Mar. 28.	{ WOLSTENHOLME, FREDERIC	4 Hornby Road East, Blackpool.	
	GEORGE .. ..		
1902 Jan. 21.	WOOD, ALPHONSE, JUN. ..	Osborne House, Barnsley.	
1901 Dec. 17.	WOOD, FRANCIS HUGO LINDLEY	88 Eaton Square, S.W.	
1902 Dec. 2.	WOOD, HENRY .. ..	City Engineer's Office, Norwich.	
1903 Mar. 24.	WOOD, RICHARD .. ..	The Neuk, Middlewich.	
1901 Mar. 26.	WOOD, WILLIAM WELLESLEY	{ 54 Lovaine Place, Newcastle-on-	
		Tyne.	
1900 Nov. 27.	WOODWARD, EDWARD .. ..	E.I. Ry., Buscar, India.	
1902 Feb. 11.	WOOLDRIDGE, EDWARD PERCY	{ Contractor's Office, Somerton,	
		Somerset.	
1900 Nov. 27.	WRAGG, HERBERT .. ..	{ 14 Beaumont Terrace, Spennymoor,	
		co. Durham.	
1903 Nov. 17.	{ WRIGHT, ALBERT FREDERICK	56 Prince Edward Road, Victoria	
	JAMES .. ..	Park, N.E.	
1904 Mar. 29.	WRIGHT, ARTHUR REGINALD ..	{ 3 Eastbourne Terrace, West Hartle-	
		pool.	
1899 Jan. 31.	WRIGHT, ERNEST WILLIAM BELL	York Villa, Stanwise, Carlisle.	
1900 Mar. 27.	WRIGHT, FRANK WILSON ..	Ivanhoe, Foley Park, Kidderminster.	
1903 Nov. 24.	YARROW, HAROLD EDGAR ..	Woodlands, Blackheath, S.E.	
1901 Dec. 17.	YOUNG, CYRIL ROE MUSTON ..	{ c/o W. T. Douglass, 15 Victoria	
		Street, S.W.	
1901 Nov. 19.	YOUNG, GEORGE SHIEL ..	{ Niven and Haddin, 131 West Regent	
		Street, Glasgow.	
1904 Jan. 26.	{ YOUNG, JOHN STEVENSON,	Kirby Park, West Kirby, Cheshire.	
	B.Sc. (Victoria) .. ..		
1904 Jan. 26.	YOUNG, THOMAS ADAIR ..	19 Cluny Drive, Edinburgh.	

Total number of Students .. .. 1,075.







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